

```

### Status: Path 1 of [Dialog Information Services via Modem] ..

### Status: Initializing TCP/IP using (UseTelnetProto 1 ServiceID pto-dialog)
Trying 3106900061...Open

DIALOG INFORMATION SERVICES
PLEASE LOGON:
***** HHHHHHHH SSSSSSS?
### Status: Signing onto Dialog
*****
ENTER PASSWORD:
***** HHHHHHHH SSSSSSS? *****
Welcome to DIALOG
### Status: Connected

Dialog level 00.12.12D

Last logoff: 20may01 09:19:13
Logon file001 20may01 09:30:40
KWIC is set to 50.
HIGHLIGHT set on as '**'
* * * * *

File 1:ERIC 1966-2001/May 08
(c) format only 2001 The Dialog Corporation

Set Items Description
--- -----
?b 71, 5, 155, 434
20may01 09:30:51 User259980 Session D119.1
$0.42 0.119 DialUnits File1
$0.42 Estimated cost File1
$0.01 TYMNET
$0.43 Estimated cost this search
$0.43 Estimated total session cost 0.119 DialUnits

SYSTEM:OS - DIALOG OneSearch
File 71:ELSEVIER BIOBASE 1994-2001/May W4
(c) 2001 Elsevier Science B.V.
File 5:Biosis Previews(R) 1969-2001/May W2
(c) 2001 BIOSIS
File 155:MEDLINE(R) 1966-2001/May W5
(c) format only 2000 Dialog Corporation
*File 155: Medline has now updated. For further information
see Help News155.
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 1998 Inst for Sci Info

Set Items Description
--- -----
?s secondary(w)metabolite and yeast
481600 SECONDARY
115549 METABOLITE
1941 SECONDARY(W)METABOLITE
211735 YEAST
S1 35 SECONDARY(W)METABOLITE AND YEAST
?s secondary(w)metabolite and aspergillus
481600 SECONDARY
115549 METABOLITE
1941 SECONDARY(W)METABOLITE
62443 ASPERGILLUS
S2 119 SECONDARY(W)METABOLITE AND ASPERGILLUS
?s secondary(w)metabolite and saccharomyces
481600 SECONDARY
115549 METABOLITE
1941 SECONDARY(W)METABOLITE
133589 SACCHAROMYCES
S3 17 SECONDARY(W)METABOLITE AND SACCHAROMYCES

```

?s increase or improve(w)production or yield  
1516937 INCREASE  
195374 IMPROVE  
945925 PRODUCTION  
126 IMPROVE(W) PRODUCTION  
312041 YIELD  
S4 1795194 INCREASE OR IMPROVE(W) PRODUCTION OR YIELD  
?s s4 and s1 or s2 or s3  
1795194 S4  
35 S1  
119 S2  
17 S3  
S5 138 S4 AND S1 OR S2 OR S3  
?rd  
...examined 50 records (50)  
...examined 50 records (100)  
...completed examining records  
S6 91 RD (unique items)  
?t/3/1-20

6/3/1 (Item 1 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.

01660985 2001033953  
Combined molecular and biochemical approach identifies *\*Aspergillus\**  
*japonicus* and *\*Aspergillus\** *aculeatus* as two species  
Par(caron)enicova L.; Skouboe P.; Frisvad J.; Samson R.A.; Rossen L.; Ten  
Hoor-Suykerbuyk M.; Visser J.  
ADDRESS: J. Visser, Molec. Genet. Indus. Microorg. Sect., Wageningen  
University, Dreijenlaan 2, NL-6703 HA Wageningen, Netherlands  
EMAIL: office@algemeen.mgim.wau.nl  
Journal: Applied and Environmental Microbiology, 67/2 (521-527), 2001,  
United States  
CODEN: AEMID  
ISSN: 0099-2240  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English  
NO. OF REFERENCES: 38

6/3/2 (Item 2 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
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01257058 1999234508  
*\*Aspergillus\** *nidulans* mutants defective in *stc* gene cluster regulation  
Butchko R.A.E.; Adams T.H.; Keller N.P.  
ADDRESS: N.P. Keller, Plant Pathology/Microbiology Dept., Texas A and M  
University, 120 Peterson Bldg., College Station, TX 77843-2132,  
United States  
EMAIL: n-keller@tamu.edu  
Journal: Genetics, 153/2 (715-720), 1999, United States  
CODEN: GENTA  
ISSN: 0016-6731  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English  
NO. OF REFERENCES: 25

6/3/3 (Item 3 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.

01031495 1998275474  
Sarcophytolide: A new neuroprotective compound from the soft coral  
*Sarcophyton glaucum*  
Badria F.A.; Guirguis A.N.; Perovic S.; Steffen R.; Muller W.E.G.; Schroder  
H.C.  
ADDRESS: W.E.G. Muller, Pharmacognosy Department, Faculty of Pharmacy,  
Mansoura University, Mansoura 35516, Egypt

EMAIL: wmueller@mail.uni-mainz.de  
Journal: Toxicology, 131/2-3 (133-143), 1998, Ireland  
CODEN: TXCYA  
ISSN: 0300-483X  
PUBLISHER ITEM IDENTIFIER: S0300483X98001243  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English  
NO. OF REFERENCES: 38

6/3/4 (Item 4 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.

01000733 1998247267  
Evolutionary relationships in *\*Aspergillus\** section Fumigati inferred from  
partial beta-tubulin and hydrophobin DNA sequences  
Geiser D.M.; Frisvad J.C.; Taylor J.W.  
ADDRESS: D.M. Geiser, Department of Plant Pathology, 204 Buckhout  
Laboratory, Pennsylvania State University, University Park, PA  
16802, United States  
EMAIL: dgeiser@psu.edu  
Journal: Mycologia, 90/5 (831-845), 1998, United States  
CODEN: MYCOA  
ISSN: 0027-5514  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English  
NO. OF REFERENCES: 56

6/3/5 (Item 5 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
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00987754 1998233702  
Effect of butyrolactone I on the producing fungus, *\*Aspergillus\* terreus*  
Schimmel T.G.; Coffman A.D.; Parsons S.J.  
ADDRESS: T.G. Schimmel, Technical Operations, Merck and Co., Inc., P.O. Box  
7, Elkton, VA 22827, United States  
EMAIL: schimmel@merck.com  
Journal: Applied and Environmental Microbiology, 64/10 (3707-3712), 1998,  
United States  
CODEN: AEMID  
ISSN: 0099-2240  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English  
NO. OF REFERENCES: 35

6/3/6 (Item 6 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.

00949488 1998195435  
How aspartame prevents the toxicity of ochratoxin A  
Creppy E.E.; Baudrimont I.; Marie A.  
ADDRESS: E.E. Creppy, Toxicology Department, Univ. of Bordeaux 2 Victor  
Segalen, 146, rue Leo Saignat, 33076 Bordeaux, France  
Journal: Journal of Toxicological Sciences, 23/SUPPL. 2 (165-172), 1998,  
Japan  
CODEN: JTSCD  
ISSN: 0388-1350  
DOCUMENT TYPE: Conference Paper  
LANGUAGES: English SUMMARY LANGUAGES: English  
NO. OF REFERENCES: 46

6/3/7 (Item 7 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
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00940875 1998186307  
Protection by fungal starters against growth and \*secondary\* \*metabolite\*  
production of fungal spoilers of cheese  
Nielsen M.S.; Frisvad J.C.; Nielsen P.V.  
ADDRESS: M.S. Nielsen, Department of Biotechnology, Building 221, Technical  
University of Denmark, DK-2800 Lyngby, Denmark  
EMAIL: msn@ibt.dtu.dk  
Journal: International Journal of Food Microbiology, 42/1-2 (91-99), 1998,  
Netherlands  
PUBLICATION DATE: June 30, 1998  
CODEN: IJFMD  
ISSN: 0168-1605  
PUBLISHER ITEM IDENTIFIER: S0168160598000701  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English  
NO. OF REFERENCES: 34

6/3/8 (Item 8 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.  
  
00902744 1998141731  
Development of a cylindrical apparatus for membrane-surface liquid culture  
and production of kojic acid using \*Aspergillus\* oryzae NRRL484  
Wakisaka Y.; Segawa T.; Imamura K.; Sakiyama T.; Nakanishi K.  
ADDRESS: K. Nakanishi, Dept. of Bioscience and Biotechnol., Faculty of  
Engineering, Okayama University, Tsushima-naka, Okayama 700, Japan  
Journal: Journal of Fermentation and Bioengineering, 85/5 (488-494), 1998,  
Japan  
PUBLICATION DATE: 19980000  
CODEN: JFBIE  
ISSN: 0922-338X  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English  
NO. OF REFERENCES: 21

6/3/9 (Item 9 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.  
  
00827023 1998063928  
Asexual sporulation in \*Aspergillus\* nidulans  
Adams T.H.; Wieser J.K.; Yu J.-H.  
ADDRESS: T.H. Adams, Department of Biology, Texas A and M University,  
College Station, TX 77843, United States  
EMAIL: tom@bio.tamu.edu  
Journal: Microbiology and Molecular Biology Reviews, 62/1 (35-54), 1998,  
United States  
PUBLICATION DATE: 19980000  
CODEN: MMBRF  
ISSN: 1092-2172  
DOCUMENT TYPE: Review  
LANGUAGES: English SUMMARY LANGUAGES: English  
NO. OF REFERENCES: 174

6/3/10 (Item 10 from file: 71)  
DIALOG(R)File 71:ELSEVIER,BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.  
  
00801869 1998037818  
Microbial conversion products of leptomycin B  
Kuhnt M.; Bitsch F.; Ponelle M.; Sanglier J.-J.; Wang Y.; Wolff B.  
ADDRESS: J.-J. Sanglier, Core Technology Area, Research, Novartis Pharma  
Inc., CH-4002 Basel, Switzerland  
EMAIL: JeanJacques.Sanglier@Pharma.Novartis.com  
Journal: Applied and Environmental Microbiology, 64/2 (714-720), 1998,  
United States  
PUBLICATION DATE: 19980000

CODEN: AEMID  
ISSN: 0099-2240  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English  
NO. OF REFERENCES: 18

6/3/11 (Item 11 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.

00733036 97237757  
Dominant mutations affecting both sporulation and sterigmatocystin biosynthesis in *\*Aspergillus\* nidulans*  
Wieser J.; Yu J.-H.; Adams T.H.  
ADDRESS: T.H. Adams, Department of Biology, Texas A and M University,  
College Station, TX 77843, United States  
Journal: Current Genetics, 32/3 (218-224), 1997, Germany  
PUBLICATION DATE: 19970000  
CODEN: CUGED  
ISSN: 0172-8083  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English  
NO. OF REFERENCES: 28

6/3/12 (Item 12 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
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00676114 97182880  
*\*Aspergillus\** sporulation and mycotoxin production both require inactivation of the FadA Galpha protein-dependent signaling pathway  
Hicks J.K.; Yu J.-H.; Keller N.P.; Adams T.H.  
ADDRESS: T.H. Adams, Department of Biology, Texas A and M University,  
College Station, TX 77843, United States  
Journal: EMBO Journal, 16/16 (4916-4923), 1997, United Kingdom  
PUBLICATION DATE: 19970000  
CODEN: EMJOD  
ISSN: 0261-4189  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English  
NO. OF REFERENCES: 46

6/3/13 (Item 13 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.

00667496 97174260  
Aniline and its metabolites generate free radicals in yeast  
Brennan R.J.; Schiestl R.H.  
ADDRESS: R.J. Brennan, Dept. Molecular Cellular Toxicology, Harvard School of Public Health, Boston, MA 02115, United States  
Journal: Mutagenesis, 12/4 (215-220), 1997, United Kingdom  
PUBLICATION DATE: 19970000  
CODEN: MUTAE  
ISSN: 0267-8357  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English  
NO. OF REFERENCES: 31

6/3/14 (Item 14 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.

00569828 97072652  
Molecular regulation of penicillin biosynthesis in *\*Aspergillus\* (Emericella) nidulans*  
Brakhage A.A.

ADDRESS: A.A. Brakhage, Lehrstuhl fur Mikrobiologie, Universitat Munchen,  
Maria-Ward-Strasse 1a, D-80638 Munich, Germany  
EMAIL: uj44219@sunmail.lrz-muenchen.de  
Journal: FEMS Microbiology Letters, 148/1 (1-10), 1997, Netherlands  
PUBLICATION DATE: 19970000  
CODEN: FMLED  
ISSN: 0378-1097  
PUBLISHER ITEM IDENTIFIER: S0378109796005290  
DOCUMENT TYPE: Review  
LANGUAGES: English SUMMARY LANGUAGES: English  
NO. OF REFERENCES: 46

6/3/15 (Item 15 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.  
  
00569166 97071990  
Effect of acetylsalicylic acid on secondary metabolism of Catharanthus  
roseus tumor suspension cultures  
Godoy-Hernandez G.; Loyola-Vargas V.M.  
ADDRESS: G. Godoy-Hernandez, Division de Biologia Vegetal, Departamento  
Biologia Experimental, CICY, Cordemex, 97310 Yucatan, Mexico  
Journal: Plant Cell Reports, 16/5 (287-290), 1997, Germany  
PUBLICATION DATE: 19970000  
CODEN: PCRPD  
ISSN: 0721-7714  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English  
NO. OF REFERENCES: 24

6/3/16 (Item 16 from file: 71)  
DIALOG(R)File 71:ELSEVIER'BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.  
  
00497899 96191880  
\*Aspergillus\* has distinct fatty acid synthases for primary and secondary  
metabolism  
Brown D.W.; Adams T.H.; Keller N.P.  
ADDRESS: N.P. Keller, Dept. of Plant Pathol./Microbiol., Texas A and M  
University, College Station, TX 77843, United States  
Journal: Proceedings of the National Academy of Sciences of the United  
States of America, 93/25 (14873-14877), 1996, United States  
PUBLICATION DATE: 19960000  
CODEN: PNASA  
ISSN: 0027-8424  
DOCUMENT TYPE: Conference Paper  
LANGUAGES: English SUMMARY LANGUAGES: English

6/3/17 (Item 17 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.  
  
00431898 96125777  
Induction of the accumulation of tryptamine and phenols by endogenous  
elicitors in cell suspension cultures of periwinkle  
Garnier F.; Depierreux C.; Petit-Paly G.; Hamdi S.; Chenieux J.- C.; Rideau  
M.  
ADDRESS: F. Garnier, LBCBV, Faculte de Pharmacie, 31 avenue Monge, F-37200  
Tours, France  
Journal: Journal of Plant Physiology, 148/6 (701-706), 1996, Germany  
PUBLICATION DATE: 19960000  
CODEN: JPPHE  
ISSN: 0176-1617  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English

6/3/18 (Item 18 from file: 71)

DIALOG(R)File 71:ELSEVIER BIOBASE  
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00415206 96108989  
Exacerbation of invasive aspergillosis by the immunosuppressive fungal  
metabolite, gliotoxin  
Sutton P.; Waring P.; Mullbacher A.  
ADDRESS: A. Mullbacher, School of Microbiology/Immunology, University of  
New South Wales, Sydney, NSW 2052, Australia  
Journal: Immunology and Cell Biology, 74/4 (318-322), 1996, Australia  
PUBLICATION DATE: 19960000  
CODEN: ICBIE  
ISSN: 0818-9641  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English

6/3/19 (Item 19 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
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00390601 96083823  
Identification of a major cis-acting DNA element controlling the  
bidirectionally transcribed penicillin biosynthesis genes acvA (pcbAB)  
and ipnA (pcbC) of *\*Aspergillus\* nidulans*  
Bergh K.T.; Litzka O.; Brakhage A.A.  
ADDRESS: A.A. Brakhage, Lehrstuhl fur Mikrobiologie, Universitat Munchen,  
Maria-Ward-Strasse 1a, D-80638 Munich, Germany  
Journal: Journal of Bacteriology, 178/13 (3908-3916), 1996, United States  
PUBLICATION DATE: 19960000  
CODEN: JOBAA  
ISSN: 0021-9193  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English

6/3/20 (Item 20 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
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00363799 96055082  
Twenty-five coregulated transcripts define a sterigmatocystin gene cluster  
in *\*Aspergillus\* nidulans*  
Brown D.W.; Yu J.-H.; Kelkar H.S.; Fernandes M.; Nesbitt T.C.; Keller N.P.;  
Adams T.H.; Leonardo T.J.  
ADDRESS: T.J. Leonard, Department of Biology, Clark University, 950 Main  
Street, Worcester, MA 01610, United States  
Journal: Proceedings of the National Academy of Sciences of the United  
States of America, 93/4 (1418-1422), 1996, United States  
PUBLICATION DATE: 19960000  
CODEN: PNASA  
ISSN: 0027-8424  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English  
?t/9/11,14

6/9/11 (Item 11 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
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00733036 97237757  
Dominant mutations affecting both sporulation and sterigmatocystin  
biosynthesis in *\*Aspergillus\* nidulans*  
Wieser J.; Yu J.-H.; Adams T.H.  
ADDRESS: T.H. Adams, Department of Biology, Texas A and M University,  
College Station, TX 77843, United States  
Journal: Current Genetics, 32/3 (218-224), 1997, Germany  
PUBLICATION DATE: 19970000  
CODEN: CUGED  
ISSN: 0172-8083  
DOCUMENT TYPE: Article

LANGUAGES: English  
NO. OF REFERENCES: 28

SUMMARY LANGUAGES: English

The initiation of conidiophore development in the filamentous fungus *\*Aspergillus\* nidulans* is a complex process requiring the activities of several genes including *fluG*, *flbA*, *flbB*, *flbC*, *flbD*, and *flbE*. Recessive mutations in any one of these genes result in greatly reduced expression of the *brlA* developmental regulatory gene and a colony morphology described as fluffy. These fluffy mutants have somewhat diverse phenotypes but generally grow as undifferentiated masses of vegetative hyphae to form large cotton-like colonies. In this paper we describe a genetic screen to identify dominant mutations resulting in similar fluffy colony morphologies. We have identified 36 dominant fluffy mutant strains and shown that 29 of these mutants have greatly reduced *brlA* expression as compared to wild-type. In addition, we have found that 19 of these mutants are not only developmentally altered but also fail to produce the toxic, carcinogenic, *\*secondary\* \*metabolite\** sterigmatocystin. At least three of the mutants isolated result from dominant activating mutations in *fadA* which encodes the Galpha subunit of a heterotrimeric G-protein. Another of the mutants results from a dominant interfering mutation in *brlA*. We discuss the approaches taken to characterize these potentially important regulators of growth, development and secondary metabolism.

DESCRIPTORS:

G proteins; Transcription factor; Sporulation; Microbial development; Mycotoxin

CLASSIFICATION CODE AND DESCRIPTION:

.85.7.17.3 - APPLIED MICROBIOLOGY AND BIOTECHNOLOGY / MICROBIAL METABOLISM AND PHYSIOLOGY / Microbial Physiology / Sporulation  
.85.7.15 - APPLIED MICROBIOLOGY AND BIOTECHNOLOGY / MICROBIAL METABOLISM AND PHYSIOLOGY / Secondary Metabolism

6/9/14 (Item 14 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
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00569828 97072652

Molecular regulation of penicillin biosynthesis in *\*Aspergillus\**  
(*Emericella*) *nidulans*

Brakhage A.A.

ADDRESS: A.A. Brakhage, Lehrstuhl fur Mikrobiologie, Universitat Munchen,  
Maria-Ward-Strasse 1a, D-80638 Munich, Germany

EMAIL: uj44219@sunmail.lrz-muenchen.de

Journal: FEMS Microbiology Letters, 148/1 (1-10), 1997, Netherlands

PUBLICATION DATE: 19970000.

CODEN: FMLED

ISSN: 0378-1097

PUBLISHER ITEM IDENTIFIER: S0378109796005290

DOCUMENT TYPE: Review

LANGUAGES: English SUMMARY LANGUAGES: English

NO. OF REFERENCES: 46

The beta-lactam antibiotic, penicillin is produced as end product by only some filamentous fungi, most notably by *\*Aspergillus\* nidulans* and *Penicillium chrysogenum*. The biosynthesis of this *\*secondary\* \*metabolite\** is catalyzed by three enzymes which are encoded by the following three genes: *acvA* (*pcbAB*), *ipnA* (*pcbC*) and *aat* (*penDE*). The genes are organized into a gene cluster. In *A. nidulans*, several studies have indicated that the genes are controlled by a complex regulatory network. The wide-domain regulatory protein PACC binds to the intergenic region between *acvA* and *ipnA* and, at alkaline pH, increases at least *ipnA* gene transcription. An additional DNA binding protein (PENR1) was suggested to repress *acvA* and to activate *ipnA* and *aat* expression. Furthermore, three recessive trans-acting mutations have been characterized (*prgA1*, *prgB1*, *npeE1*) which most likely correspond to positively acting regulatory genes of the penicillin biosynthesis genes.

DESCRIPTORS:

*\*Aspergillus\* nidulans*; penicillin biosynthesis; beta-lactam biosynthesis;

Penicillium chrysogenum; secondary metabolism; peptide synthetase

CLASSIFICATION CODE AND DESCRIPTION:

84.2.4 - GENETICS AND MOLECULAR BIOLOGY / GENE CLONING, DNA/RNA SEQUENCES AND GENOME ORGANISATION / Myxomycetes and Fungi  
84.1.9.3 - GENETICS AND MOLECULAR BIOLOGY / MOLECULAR GENETICS / Gene Expression in Eukaryotes / Transcriptional regulation  
84.1.9.2 - GENETICS AND MOLECULAR BIOLOGY / MOLECULAR GENETICS / Gene Expression in Eukaryotes / Transcription factors  
84.5.4 - GENETICS AND MOLECULAR BIOLOGY / EUKARYOTIC GENETICS / Cytogenetics and Cytotaxonomy  
84.5.16 - GENETICS AND MOLECULAR BIOLOGY / EUKARYOTIC GENETICS / Biochemical Genetics  
84.5.24 - GENETICS AND MOLECULAR BIOLOGY / EUKARYOTIC GENETICS / Myxomycete and Fungal Genetics  
85.7.15 - APPLIED MICROBIOLOGY AND BIOTECHNOLOGY / MICROBIAL METABOLISM AND PHYSIOLOGY / Secondary Metabolism

?t/3/21-41

6/3/21 (Item 21 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
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00298255 95115031  
Sterigmatocystin biosynthesis in *\*Aspergillus\* nidulans* requires a novel type I polyketide synthase  
Yu J.-H.; Leonard T.J.  
ADDRESS: T.J. Leonard, Clark Univ. Dept. of Biology, 950 Main St., Worcester, MA 01610, United States  
Journal: Journal of Bacteriology, 177/16 (4792-4800), 1995, United States  
PUBLICATION DATE: 19950000  
CODEN: JOBAA  
ISSN: 0021-9193  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English

6/3/22 (Item 22 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
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00138546 94130705  
Aflatoxin, its metabolism and carcinogenesis - A historical review  
Nigam S.K.; Ghosh S.K.; Malaviya R.  
ADDRESS: S.K. Nigam, National Inst Occupational Health, Meghani nagar, Ahmedabad-380 016, India  
Journal: Journal of Toxicology - Toxin Reviews, 13/2 (179-203), 1994, United States  
PUBLICATION DATE: 19940000  
CODEN: JTTRD  
ISSN: 0731-3837  
DOCUMENT TYPE: Review  
LANGUAGES: English SUMMARY LANGUAGES: English

6/3/23 (Item 23 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
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00084923 94054891  
Hispidospermidin, a novel phospholipase C inhibitor produced by *Chaetosphaeronema hispidulum* (Cda) Moesz NR 7127: I - Screening, taxonomy, and fermentation  
Yanagisawa M.; Sakai A.; Adachi K.; Sano T.; Watanabe K.; Tanaka Y.; Okuda T.  
ADDRESS: M. Yanagisawa, Nippon Roche Research Center, 200 Kajiwara, Kamakura, Kanagawa 247, Japan  
Journal: Journal of Antibiotics, 47/1 (1-5), 1994, Japan  
PUBLICATION DATE: 19940000  
CODEN: JANTA  
ISSN: 0021-8820

DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English

6/3/24 (Item 24 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
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00083423 94027503  
Analysis of the regulation of penicillin biosynthesis in *\*Aspergillus\* nidulans* by a targeted disruption of the *acvA* gene  
Brakhage A.A.; Browne P.; Turner G.  
ADDRESS: A. Brakhage, Lehrstuhl fur Mikrobiologie, Universitat Munchen, Maria-Ward-Str. 1a, D-80638 Munchen, Germany  
Journal: Molecular and General Genetics, 242/1 (57-64), 1994, Germany  
PUBLICATION DATE: 19940000  
CODEN: MGGEA  
ISSN: 0026-8925  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English

6/3/25 (Item 25 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.

00044975 94099230  
Isolation and characterization of morphological variants of *\*Aspergillus\* parasiticus* deficient in *\*secondary\* \*metabolite\** production  
Kale S.P.; Bhatnagar D.; Bennett J.W.  
ADDRESS: J.W. Bennett, United States  
Journal: Mycological Research, 98/6 (645-652), 1994  
PUBLICATION DATE: 19940000  
CODEN: MYCRE  
ISSN: 0953-7562  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English

6/3/26 (Item 1 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

12944413 BIOSIS NO.: 200100151562  
Combined molecular and biochemical approach identifies *\*Aspergillus\* japonicus* and *\*Aspergillus\* aculeatus* as two species.  
AUTHOR: Parenicova Lucie; Skouboe Pernille; Frisvad Jens; Samson Robert A; Rossen Lone; ten Hoor-Suykerbuyk Marjon; Visser Jaap(a)  
AUTHOR ADDRESS: (a)Section Molecular Genetics of Industrial Microorganisms, Wageningen University, Dreijenlaan 2, NL-6703 HA, Wageningen: office@algemeen.mgim.wau.nl\*\*Netherlands  
JOURNAL: Applied and Environmental Microbiology 67 (2):p521-527 February, 2001  
MEDIUM: print  
ISSN: 0099-2240  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

6/3/27 (Item 2 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

12320448 BIOSIS NO.: 200000041476  
Modeling and experimental comparison of the differential adsorption of B1 and G1 aflatoxins on mineral aluminosilicate surfaces.  
AUTHOR: Flores C M; Dominguez J M(a); Diaz-De-Leon J  
AUTHOR ADDRESS: (a)Gerencia de Catalizadores y Materiales, Petroleum Institute of Mexico, STI., Eje Central L. Cardenas 152, 07730, Mexico, DF

\*\*Mexico  
JOURNAL: Journal of Environmental Pathology Toxicology and Oncology 18 (3)  
):p213-220 1999  
ISSN: 0731-8898  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

6/3/28 (Item 3 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

12118534 BIOSIS NO.: 199900413383  
Norsolorinic acid mutants and aflatoxin research.  
AUTHOR: Vaccaro G(a); Bennett J W(a)  
AUTHOR ADDRESS: (a)Department of Cell and Molecular Biology, Tulane  
University, New Orleans, LA, 70118\*\*USA  
JOURNAL: Czech Mycology 51 (2-3):p89-97 May, 1999  
ISSN: 1211-0981  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: Czech; English

6/3/29 (Item 4 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

12018406 BIOSIS NO.: 199900298925  
Antibacterial activity of marine-derived fungi.  
AUTHOR: Christoffersen Carsten(a); Crescente Oscar; Frisvad Jens C; Gram  
Lone; Nielsen Joan; Nielsen Per Halfdan; Rahbaek Lisa  
AUTHOR ADDRESS: (a)Marine Chemistry Section, University of Copenhagen, H.  
C. Orsted Institute, Universitetsparken 5\*\*Denmark  
JOURNAL: Mycopathologia 143 (3):p135-138 1998  
ISSN: 0301-486X  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

6/3/30 (Item 5 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

11621719 BIOSIS NO.: 199800403804  
Colony interaction and \*secondary\* \*metabolite\* production of  
cheese-related fungi in dual culture.  
AUTHOR: Nielsen Marianne S(a); Frisvad Jens C; Nielsen Per V  
AUTHOR ADDRESS: (a)Dep. Biotechnol., Build. 221, Technical Univ. Denmark,  
DK-2800 Lyngby\*\*Denmark  
JOURNAL: Journal of Food Protection 61 (8):p1023-1029 Aug., 1998  
ISSN: 0362-028X  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

6/3/31 (Item 6 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

11495550 BIOSIS NO.: 199800276882  
Bactericidal and fungicidal activity of \*Aspergillus\* ochraceus metabolites  
and some derivatives.  
AUTHOR: Torres Merce(a); Balcells Merce; Sala Nuria; Sanchis Vicente;  
Canela Ramon

AUTHOR ADDRESS: (a)Area Food Technol., Centre R + D de Lleida, Rovira Roure 177, 25198-Lleida\*\*Spain  
JOURNAL: Pesticide Science' 53 (1):p9-14 May, 1998  
ISSN: 0031-613X  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

6/3/32 (Item 7 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

11444240 BIOSIS NO.: 199800225572  
Growth and mycotoxin production by *\*Aspergillus\* fumigatus* strains isolated from a saltern.  
AUTHOR: Tepsic Katarina(a); Gunde-Cimerman Nina; Frisvad Jens C  
AUTHOR ADDRESS: (a)Univ. Ljubljana, Biotech. Fac., Zootech. Dep., Groblje 3, 1230 Domzale\*\*Slovenia  
JOURNAL: FEMS Microbiology Letters 157 (1):p9-12 Dec. 1, 1997  
ISSN: 0378-1097  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

6/3/33 (Item 8 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

11404917 BIOSIS NO.: 199800186249  
Regulators of *\*secondary\* \*metabolite\** production of fungi.  
AUTHOR: Sakuda Shohei(a)  
AUTHOR ADDRESS: (a)Dep. Applied Biol. Chem., Univ. Tokyo, Tokyo\*\*Japan  
JOURNAL: Nippon Nogeikagaku Kaishi 72 (1):p72-74 Jan., 1998  
ISSN: 0002-1407  
DOCUMENT TYPE: Article  
RECORD TYPE: Citation  
LANGUAGE: Japanese; Non-English

6/3/34 (Item 9 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

11392729 BIOSIS NO.: 199800174061  
Liquid chromatographic determination of major secondary metabolites produced by *\*Aspergillus\** species from section Flavi.  
AUTHOR: Sobolev Victor S; Horn Bruce W; Dorner Joe W; Cole Richard J  
AUTHOR ADDRESS: U.S. Dep. Agric., Agric. Res. Serv., Natl. Peanut Res. Lab., 1011 Forrester Dr., Dawson, GA 31742\*\*USA  
JOURNAL: Journal of AOAC International 81 (1):p57-60 Jan.-Feb., 1998  
ISSN: 1060-3271  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

6/3/35 (Item 10 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

11360013 BIOSIS NO.: 199800141345  
Short communication: Widespread occurrence of ATP: Citrate lyase and carnitine acetyltransferase in filamentous fungi.  
AUTHOR: Wynn J P(a); Hamid A A; Midgley M; Ratledge C  
AUTHOR ADDRESS: (a)Dep. Biol. Sciences, Univ. Hull, Hull HU6 7RX\*\*UK  
JOURNAL: World Journal of Microbiology & Biotechnology 14 (1):p145-147 Jan., 1998  
ISSN: 0959-3993  
DOCUMENT TYPE: Article

RECORD TYPE: Abstract  
LANGUAGE: English

6/3/36 (Item 11 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

11015401 BIOSIS NO.: 199799636546  
Biotechnological improvement of the output of secondary metabolites.  
AUTHOR: Middleton C A; Hunt P; Donachie W  
AUTHOR ADDRESS: Univ. Edinburg, Ashworth Lab., Edinburgh EH9 2AD\*\*UK  
JOURNAL: Folia Microbiologica 42 (3):p267 1997  
CONFERENCE/MEETING: 14th Shall Meeting on Yeast Transport and Energetics  
Bonn, Germany September 6-9, 1996  
ISSN: 0015-5632  
RECORD TYPE: Citation  
LANGUAGE: English

6/3/37 (Item 12 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

10729360 BIOSIS NO.: 199799350505  
AflJ, a gene involved in aflatoxin biosynthesis.  
AUTHOR: Meyers D M; Payne G A  
AUTHOR ADDRESS: Dep. Plant Pathol., North Carolina State Univ., Raleigh,  
NC\*\*USA  
JOURNAL: Phytopathology 86 (11 SUPPL.):pS35 1996  
CONFERENCE/MEETING: Annual Meeting of the American Phytopathological  
Society, North Central Division Indianapolis, Indiana, USA July 27-31,  
1996  
ISSN: 0031-949X  
RECORD TYPE: Citation  
LANGUAGE: English

6/3/38 (Item 13 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

10466357 BIOSIS NO.: 199699087502  
Identification of a major cis-acting DNA element controlling the  
bidirectionally transcribed penicillin biosynthesis genes acvA (pcbAB)  
and ipnA (pcbC) of *\*Aspergillus\* nidulans*.  
AUTHOR: Then Bergh Katharina; Litzka Olivier; Brakhage Axel A(a)  
AUTHOR ADDRESS: (a)Lehrstuhl fuer Mikrobiologie, Universitaet Muenchen,  
Maria-Ward-Strasse 1a, D-80638 Munich\*\*Germany  
JOURNAL: Journal of Bacteriology 178 (13):p3908-3916 1996  
ISSN: 0021-9193  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

6/3/39 (Item 14 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

10455498 BIOSIS NO.: 199699076643  
Production of a malaria transmission-blocking protein from recombinant  
yeast.  
BOOK TITLE: Annals of the New York Academy of Sciences; Recombinant DNA  
biotechnology, III The integration of biological and engineering sciences  
AUTHOR: Wang Min-Ying; Kaslow David C; Shiloach Joseph(a)  
BOOK AUTHOR/EDITOR: Asenjo J A; Andrews B A: Eds  
AUTHOR ADDRESS: (a)Biotechnol. Unit, Build. 6, Room B1-33, NIH, Bethesda,  
MD 20892-2715\*\*USA  
JOURNAL: Annals of the New York Academy of Sciences 782:p123-132 1996  
BOOK PUBLISHER: New York Academy of Sciences, 2 East 63rd Street, New York,

New York'10021, USA  
CONFERENCE/MEETING: Conference Deauville, France October 16-21, 1994  
ISSN: 0077-8923 ISBN: 0-89766-962-2 (paper); 0-89766-961-4 (cloth)  
RECORD TYPE: Citation  
LANGUAGE: English

6/3/40 (Item 15 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

10433958 BIOSIS NO.: 199699055103  
Conservation of structure and function of the aflatoxin regulatory gene  
aflR from *\*Aspergillus\* nidulans* and *A. flavus*.  
AUTHOR: Yu Jae-Hyuk; Butchko Robert A E; Fernandes Mary; Keller Nancy P(a);  
Leonard Thomas J; Adams Thomas H  
AUTHOR ADDRESS: (a)Dep. Plant Biol. Pathol. Microbiol., Texas A and M  
Univ., College Station, TX 77843\*\*USA  
JOURNAL: Current Genetics 29 (6):p549-555 1996  
ISSN: 0172-8083  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

6/3/41 (Item 16 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

10313173 BIOSIS NO.: 199698768091  
Mycotoxins and mycotoxicogenic fungi in storage.  
BOOK TITLE: Books in Soils, Plants, and the Environment; Stored-grain  
ecosystems  
AUTHOR: Frisvad Jens C  
BOOK AUTHOR/EDITOR: Jayas D S; White N D G; Muir W E: Eds  
AUTHOR ADDRESS: Technical Univ. Denmark, Lyngby\*\*Denmark  
p251-288 1995  
BOOK PUBLISHER: Marcel Dekker, Inc., 270 Madison Avenue, New York, New York  
10016, USA  
Marcel Dekker, Inc., Basel, Switzerland  
CONFERENCE/MEETING: International Symposium Winnipeg, Manitoba, Canada  
June 7-10, 1992  
ISBN: 0-8247-8983-0  
RECORD TYPE: Citation  
LANGUAGE: English  
?t/9/33,36

6/9/33 (Item 8 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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11404917 BIOSIS NO.: 199800186249  
Regulators of \*secondary\* \*metabolite\* production of fungi.  
AUTHOR: Sakuda Shohei(a)  
AUTHOR ADDRESS: (a)Dep. Applied Biol. Chem., Univ. Tokyo, Tokyo\*\*Japan  
JOURNAL: Nippon Nogeikagaku Kaishi 72 (1):p72-74 Jan., 1998  
ISSN: 0002-1407  
DOCUMENT TYPE: Article  
RECORD TYPE: Citation  
LANGUAGE: Japanese; Non-English  
DESCRIPTORS:  
MAJOR CONCEPTS: Chemical Coordination and Homeostasis; Metabolism  
BIOSYSTEMATIC NAMES: Fungi Imperfecti or Deuteromycetes--Fungi, Plantae  
ORGANISMS: *\*Aspergillus\*-parasiticus* (Fungi Imperfecti or Deuteromycetes)  
; *Penicillium-urticaceae* (Fungi Imperfecti or Deuteromycetes)  
BIOSYSTEMATIC CLASSIFICATION (SUPER TAXA): Fungi; Microorganisms;  
Nonvascular Plants; Plants  
CHEMICALS & BIOCHEMICALS: aflastatin; aflatoxin  
MISCELLANEOUS TERMS: \*secondary\* \*metabolite\* production  
CONCEPT CODES:  
51519 Plant Physiology, Biochemistry and Biophysics-Metabolism

13002 Metabolism-General Metabolism; Metabolic Pathways

BIOSYSTEMATIC CODES:

15500 Fungi Imperfecti.or Deuteromycetes

6/9/36 (Item 11 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

11015401 BIOSIS NO.: 199799636546

Biotechnological improvement of the output of secondary metabolites.

AUTHOR: Middleton C A; Hunt P; Donachie W

AUTHOR ADDRESS: Univ. Edinburg, Ashworth Lab., Edinburgh EH9 2AD\*\*UK

JOURNAL: Folia Microbiologica 42 (3):p267 1997

CONFERENCE/MEETING: 14th Small Meeting on Yeast Transport and Energetics  
Bonn, Germany September 6-9, 1996

ISSN: 0015-5632

RECORD TYPE: Citation

LANGUAGE: English

REGISTRY NUMBERS: 73-22-3: TRYPTOPHAN

DESCRIPTORS:

MAJOR CONCEPTS: Biochemistry and Molecular Biophysics; Bioprocess  
Engineering; Genetics; Metabolism; Methods and Techniques

BIOSYSTEMATIC NAMES: Ascomycetes--Fungi, Plantae

ORGANISMS: \*Saccharomyces\* cerevisiae (Ascomycetes)

BIOSYSTEMATIC CLASSIFICATION (SUPER TAXA): fungi; microorganisms;  
nonvascular plants; plants

CHEMICALS & BIOCHEMICALS: TRYPTOPHAN

INDUSTRY: biotechnology industry

MISCELLANEOUS TERMS: Meeting Abstract; BIOPROCESS ENGINEERING;  
EXCRETION; GENETIC METHOD; METHODOLOGY; MOLECULAR GENETICS; SATURATION  
MUTAGENESIS; \*SECONDARY\* \*METABOLITE\* OUTPUT IMPROVEMENT; TAT1 GENE;  
TAT2 GENE; TRYPTOPHAN

CONCEPT CODES:

03504 Genetics and Cytogenetics-Plant

10062 Biochemical Studies-Nucleic Acids, Purines and Pyrimidines

13012 Metabolism-Proteins, Peptides and Amino Acids

39007 Food and Industrial Microbiology-Biosynthesis, Bioassay and  
Fermentation

51519 Plant Physiology, Biochemistry and Biophysics-Metabolism

51524 Plant Physiology, Biochemistry and Biophysics-Apparatus and  
Methods

00520 General Biology-Symposia, Transactions and Proceedings of  
Conferences, Congresses, Review Annuals

BIOSYSTEMATIC CODES:

15100 Ascomycetes

?ds

Set	Items	Description
S1	35	SECONDARY(W)METABOLITE AND YEAST
S2	119	SECONDARY(W)METABOLITE AND ASPERGILLUS
S3	17	SECONDARY(W)METABOLITE AND SACCHAROMYCES
S4	1795194	INCREASE OR IMPROVE(W)PRODUCTION OR YIELD
S5	138	S4 AND S1 OR S2 OR S3
S6	91	RD (unique items)

?t/3/42-91

6/3/42 (Item 17 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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10144723 BIOSIS NO.: 199698599641

Allocation of random amplified polymorphic DNA markers and enzyme  
activities of \*Aspergillus\* nidulans and \*Aspergillus\* tetrazonus  
chromosomes.

AUTHOR: Varga Janos(a); Kesztyus Krisztina; Teren Jozsef; Ferenczy Lajos  
AUTHOR ADDRESS: (a)Dep. Microbiol., Attila Jozsef Univ., P.O. Box 533,

Szeged H-6701\*\*Hungary

JOURNAL: Antonie van Leeuwenhoek 68 (3):p245-251 1995

ISSN: 0003-6072

DOCUMENT TYPE: Article

RECORD TYPE: Abstract  
LANGUAGE: English

6/3/43 (Item 18 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

09892292 BIOSIS NO.: 199598347210  
Mechanisms of cell death associated with Ochratoxin A-induced  
malformations.  
AUTHOR: Wei X; Sulik K K  
AUTHOR ADDRESS: The Univ. N.C. Birth Defects Cent., Chapel Hill, NC\*\*USA  
JOURNAL: Teratology 51 (3):p201 1995  
CONFERENCE/MEETING: Thirty-fifth Annual Meeting of the Teratology Society  
and the Nineteenth Annual Meeting of the Neurobehavioral Teratology Society  
Newport Beach, California, USA Newport Beach, California, USA June  
24-29, 1995 June 25-28, 1995  
ISSN: 0040-3709  
RECORD TYPE: Citation  
LANGUAGE: English

6/3/44 (Item 19 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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09658347 BIOSIS NO.: 199598113265  
Resistance to the branched-chain amino acid analog trifluoroleucine and  
\*secondary\* \*metabolite\* production in \*Saccharomyces\* cerevisiae.  
AUTHOR: Casalone E(a); Fia G; Barberio C; Poisinelli M  
AUTHOR ADDRESS: (a)Biochem. Sci. Inst., Chieti Univ., Via dei Vestini,  
66100 Chieti\*\*Italy  
JOURNAL: Mededelingen Faculteit Landbouwkundige en Toegepaste Biologische  
Wetenschappen Universiteit Gent 59 (4A-B):p1825-1827 1994  
CONFERENCE/MEETING: Eighth Forum for Applied Biotechnology Brugge, Belgium  
September 28-30, 1994  
RECORD TYPE: Citation  
LANGUAGE: English

6/3/45 (Item 20 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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09418355 BIOSIS NO.: 199497426725  
Determination of ochratoxin A in blood serum of pigs by using thin layer  
chromatography.  
AUTHOR: Mallmann C A(a); Santurio J M; Baldissera M A; Von Mickwitz G(a)  
AUTHOR ADDRESS: (a)Freie Universitaet Berlin, Tieraerztliche Ambulanz  
Schwarzenbek, Roentgenstrasse 12, 21493 Schwa\*\*Germany  
JOURNAL: Revista de Microbiologia 25 (2):p107-111 1994  
ISSN: 0001-3714  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English; Portuguese

6/3/46 (Item 21 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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09403828 BIOSIS NO.: 199497412198  
Synthesis of sterigmatocystin on a chemically defined medium by species of  
\*Aspergillus\* and Chaetomium.  
AUTHOR: Barnes S E; Dola T P; Bennett J W(a); Bhatnagar D  
AUTHOR ADDRESS: (a)Dep. Cell Mol. Biol., Tulane Univ., 2000 Percival Stern  
Hall, New Orleans, LA 70118\*\*USA  
JOURNAL: Mycopathologia 125 (3):p173-178 1994  
ISSN: 0301-486X

DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

6/3/47 (Item 22 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

09336739 BIOSIS NO.: 199497345109  
A genomic fragment encoding divergent, overlapping transcripts is required  
for expression of genes in *\*Aspergillus\* flavus* involved in aflatoxin  
biosynthesis.  
AUTHOR: Foutz K R(a); Woloshuk C P; Brewer J F(a); Payne G A(a)  
AUTHOR ADDRESS: (a)North Carolina State University, Raleigh, NC\*\*USA  
JOURNAL: Abstracts of the General Meeting of the American Society for  
Microbiology 94 (0):p364 1994  
CONFERENCE/MEETING: 94th General Meeting of the American Society for  
Microbiology Las Vegas, Nevada, USA May 23-27, 1994  
ISSN: 1060-2011  
RECORD TYPE: Citation  
LANGUAGE: English

6/3/48 (Item 23 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

09336737 BIOSIS NO.: 199497345107  
Function of a gene cluster in *\*Aspergillus\* nidulans*.  
AUTHOR: Kantz N J(a); Segner S(a); Adams T H; Bhatnagar D; Cleveland T E;  
Keller N P(a)  
AUTHOR ADDRESS: (a)Dep. Plant Pathol. Microbiol., Texas A and M University,  
College Station, TX 77843\*\*USA  
JOURNAL: Abstracts of the General Meeting of the American Society for  
Microbiology 94 (0):p364 1994  
CONFERENCE/MEETING: 94th General Meeting of the American Society for  
Microbiology Las Vegas, Nevada, USA May 23-27, 1994  
ISSN: 1060-2011  
RECORD TYPE: Citation  
LANGUAGE: English

6/3/49 (Item 24 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

09313279 BIOSIS NO.: 199497321649  
Indole-3-carbinol and beta-naphthoflavone induction of aflatoxin B-1  
metabolism and cytochromes P-450 associated with bioactivation and  
detoxication of aflatoxin B-1 in the rat.  
AUTHOR: Stresser D M; Bailey G S; Williams D E(a)  
AUTHOR ADDRESS: (a)Dep. Food Sci. and Technol., Oregon State Univ.,  
Corvallis, OR 97331-6602\*\*USA  
JOURNAL: Drug Metabolism and Disposition 22 (3):p383-391 1994  
ISSN: 0090-9556  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

6/3/50 (Item 25 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

09310625 BIOSIS NO.: 199497318995  
WIN 64821, a novel neurokinin antagonist produced by an *\*Aspergillus\** sp.:  
II. Biological activity.  
AUTHOR: Oleynek Joseph J(a); Sedlock David M(a); Barrow Colin J; Appell  
Kenneth C; Casiano Frnaces; Haycock Dean; Ward Susan J; Kaplita Paul(a);  
Gillum Amanda M(a)

AUTHOR ADDRESS: (a)Dep. Natural Prod. Biol., Sterling Winthrop  
Pharmaceuticals, Res. Div., 1250 Collegeville Road, \*\*USA  
JOURNAL: Journal of Antibiotics (Tokyo) 47 (4):p399-410 1994  
ISSN: 0021-8820  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

6/3/51 (Item 26 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

09285235 BIOSIS NO.: 199497293605  
Manganese: Function and transport in fungi.  
BOOK TITLE: Mycology Series; Metal ions in fungi  
AUTHOR: Auling Georg  
BOOK AUTHOR/EDITOR: Winkelmann G; Winge D R: Eds  
AUTHOR ADDRESS: Univ. Hannover, Hannover\*\*Germany  
JOURNAL: Mycology Series 11p215-236 1994  
BOOK PUBLISHER: Marcel Dekker, Inc., 270 Madison Avenue, New York, New York  
10016, USA  
Marcel Dekker, Inc., Basel, Switzerland  
ISSN: 0730-9597 ISBN: 0-8247-9172-X  
DOCUMENT TYPE: Book  
RECORD TYPE: Citation  
LANGUAGE: English

6/3/52 (Item 27 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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09195836 BIOSIS NO.: 199497204206  
The effect of fungal elicitors on hyoscyamine content in hairy root  
cultures of *Hyoscyamus muticus*.  
AUTHOR: Sevon N; Suomalainen M; Hiltunen R; Oksman-Caldentey K-M  
AUTHOR ADDRESS: Dep. Pharm., Pharmacognosy Div., P.O. Box 15, FIN-00014  
Univ. Helsinki\*\*Finland  
JOURNAL: *Planta Medica* 59 (7 SUPPL.):pA661 1993  
CONFERENCE/MEETING: 41st Annual Congress of the Society for Medicinal Plant  
Research Duesseldorf, Germany August 31-September 4, 1993  
ISSN: 0032-0943  
RECORD TYPE: Citation  
LANGUAGE: English

6/3/53 (Item 28 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

08930328 BIOSIS NO.: 199396081829  
Buspirone in the treatment of tardive dyskinesia.  
AUTHOR: Moss Lori E; Neppe Vernon M; Drevets Wayne C(a)  
AUTHOR ADDRESS: (a)Washington Univ. Sch. Med., Dep. Psychiatry, 4940  
Audubon Ave., St. Louis, MO 63110\*\*USA  
JOURNAL: *Journal of Clinical Psychopharmacology* 13 (3):p204-209 1993  
ISSN: 0271-0749  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

6/3/54 (Item 29 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

08812130 BIOSIS NO.: 199395101481  
Glyantrypine, a novel anthranilic acid-containing metabolite of  
\*Aspergillus\* clavatus.  
AUTHOR: Penn Julia; Mantle Peter G(a); Bilton John N; Sheppard Richard N

AUTHOR ADDRESS: (a) Dep. Biochem., Imperial Coll. Sci. Technol. Med., London SW7 2AY\*\*UK  
JOURNAL: Journal of the Chemical Society Perkin Transactions I 0 (12):p 1495-1496 1992  
ISSN: 0300-922X  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

6/3/55 (Item 30 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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08586631 BIOSIS NO.: 199345004706  
Examination of tetrahydro- and dihydrosifuran formation in aflatoxin biosynthesis: From whole cells to purified enzymes.  
BOOK TITLE: Environmental Science Research; \*Secondary\*-metabolite\* biosynthesis and metabolism  
AUTHOR: Townsend Craig A; McGuire Sean M; Brobst Susan W; Graybill Todd L; Pal Kollol; Barry Clifton E III  
BOOK AUTHOR/EDITOR: Petroski R J; McCormick S P: Eds  
AUTHOR ADDRESS: Dep. Chem., Johns Hopkins Univ., Charles and 34th Streets, Baltimore, MD 21218\*\*USA.  
JOURNAL: Environmental Science Research 44p141-154 1992  
BOOK PUBLISHER: Plenum Press, 233 Spring Street, New York, New York, USA  
Plenum Press, London, England, UK  
CONFERENCE/MEETING: American Chemical Society Symposium on Biosynthesis and Metabolism of Secondary Metabolite Natural Products Atlanta, Georgia, USA April 14-19, 1991  
ISSN: 0090-0427 ISBN: 0-306-44309-0  
DOCUMENT TYPE: Article  
RECORD TYPE: Citation  
LANGUAGE: English

6/3/56 (Item 31 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

08423519 BIOSIS NO.: 000094130723  
FK-506-BINDING PROTEINS FROM STREPTOMYCETES PRODUCING IMMUNOSUPPRESSIVE MACROLACTONES OF THE FK-506 TYPE  
AUTHOR: PAHL A; KELLER U  
AUTHOR ADDRESS: INST. BIOCHEM. UND MOL. BIOL., TECHNISCHE UNIV. BERLIN, FRANKLINSTRASSE 29, D-1000 BERLIN 10, GER.  
JOURNAL: J BACTERIOL 174 (18). 1992. 5888-5894. 1992  
FULL JOURNAL NAME: Journal of Bacteriology  
CODEN: JOBAA  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

6/3/57 (Item 32 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

08407251 BIOSIS NO.: 000094124905  
INFLUENCE OF FORMALDEHYDE IN CONTROL OF BACTERIAL AND FUNGAL CONTAMINANTS IN PLANT CELL CULTURES ITS EFFECT ON GROWTH AND SECONDARY METABOLITES PRODUCTION  
AUTHOR: NIRMALA C; SUVARNALATHA G; RAVISHANKAR G A; VENKATARAMAN L V  
AUTHOR ADDRESS: AUTOTROPHIC CELL CULTURE DISCIPLINE, CENTRAL FOOD TECHNOL. RES. INST., MYSORE-570 013, INDIA.  
JOURNAL: BIOTECHNOL TECH 6 (5). 1992. 463-468. 1992  
FULL JOURNAL NAME: Biotechnology Techniques  
CODEN: BTECE  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

6/3/58 (Item 33 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

08168122 BIOSIS NO.: 000042126195  
HANDBOOK OF APPLIED MYCOLOGY VOL. 5. MYCOTOXINS IN ECOLOGICAL SYSTEMS  
AUTHOR: BHATNAGAR D; LILLEHOJ E B; ARORA D K  
AUTHOR ADDRESS: U.S. DEP. AGRIC., NEW ORLEANS, LA., USA.  
JOURNAL: BHATNAGAR, D., E. B. LILLEHOJ AND D. K. ARORA (ED.). HANDBOOK OF  
APPLIED MYCOLOGY, VOL. 5. MYCOTOXINS IN ECOLOGICAL SYSTEMS. XI+443P. MARCEL  
DEKKER, INC.: NEW YORK, NEW YORK, USA; BASEL, SWITZERLAND. ILLUS. ISBN  
0-8247-8551-7. 0 (0). 1992. XI+443P. 1992  
CODEN: 36540  
DOCUMENT TYPE: Book  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

6/3/59 (Item 34 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

07930516 BIOSIS NO.: 000093018914  
RESISTANCE OF C57BL-6 MICE TO IMMUNOSUPPRESSIVE EFFECTS OF AFLATOXIN B-1  
AND RELATIONSHIP WITH NEUROENDOCRINE MECHANISMS  
AUTHOR: HATORI Y; SHARMA R P; WARREN R P  
AUTHOR ADDRESS: TOXICOLOGY PROGRAM, UTAH STATE UNIV., LOGAN, UTAH  
84322-5600, USA.  
JOURNAL: IMMUNOPHARMACOLOGY 22 (2). 1991. 127-136. 1991  
FULL JOURNAL NAME: Immunopharmacology  
CODEN: IMMUD  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

6/3/60 (Item 35 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

07741526 BIOSIS NO.: 000041050322  
CHEMOTAXONOMY AND MORPHOLOGY OF \*ASPERGILLUS\*-FUMIGATUS AND RELATED TAXA  
AUTHOR: FRISVAD J C; SAMSON R A  
AUTHOR ADDRESS: DEP. BIOTECHNOL., TECH. UNIV. DEN., 2800 LYNGBY, DEN.  
JOURNAL: SAMSON, R. A. AND J. I. PITT (ED.). NATO ASI (ADVANCED SCIENCE  
INSTITUTES) SERIES SERIES A LIFE SCIENCES, VOL. 185. MODERN CONCEPTS IN  
PENICILLIUM AND ASPERGILLUS CLASSIFICATION; SECOND INTERNATIONAL WORKSHOP,  
BAARN, NETHERLANDS, MAY 8-12, 1989. IX+478P. PLENUM PUBLISHING CORP: NEW  
YORK, NEW YORK, USA; LONDON, ENGLAND, UK. ILLUS. ISBN 0-306-43516-0. 0 (0).  
1990. 201-208. 1990  
CODEN: NALSD  
RECORD TYPE: Citation  
LANGUAGE: ENGLISH

6/3/61 (Item 36 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

07741512 BIOSIS NO.: 000041050308  
IDENTIFICATION OF PENICILLIUM AND \*ASPERGILLUS\* SPECIES IN MIXED CULTURES  
IN PETRI DISHES USING \*SECONDARY\* \*METABOLITE\* PROFILE  
AUTHOR: FILTBORG O; FRISVAD J C  
AUTHOR ADDRESS: DEP. BIOTECHNOL., TECH. UNIV. DEN., 2800 LYNGBY, DEN.  
JOURNAL: SAMSON, R. A. AND J. I. PITT (ED.). NATO ASI (ADVANCED SCIENCE  
INSTITUTES) SERIES SERIES A LIFE SCIENCES, VOL. 185. MODERN CONCEPTS IN  
PENICILLIUM AND ASPERGILLUS CLASSIFICATION; SECOND INTERNATIONAL WORKSHOP,  
BAARN, NETHERLANDS, MAY 8-12, 1989. IX+478P. PLENUM PUBLISHING CORP: NEW  
YORK, NEW YORK, USA; LONDON, ENGLAND, UK. ILLUS. ISBN 0-306-43516-0. 0 (0).  
1990. 27-38. 1990  
CODEN: NALSD  
RECORD TYPE: Citation

LANGUAGE: ENGLISH

6/3/62 (Item 37 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

07540698 BIOSIS NO.: 000091092776  
APPROACHES TO PENICILLIUM AND \*ASPERGILLUS\* SYSTEMATICS  
AUTHOR: PITI J I; SAMSON R A  
AUTHOR ADDRESS: CSIRO DIV. FOOD PROCESSING, NORTH RYDE, N.S.W. 2113,  
AUSTRALIA.  
JOURNAL: STUD MYCOL 0 (32). 1990. 77-90. 1990  
FULL JOURNAL NAME: Studies in Mycology  
CODEN: SMYCA  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

6/3/63 (Item 38 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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07397222 BIOSIS NO.: 000091012832  
DIFFERENTIATION OF PENICILLIUM-GLABRUM FROM PENICILLIUM-SPINULOSUM AND  
OTHER CLOSELY RELATED SPECIES AN INTEGRATED TAXONOMIC APPROACH  
AUTHOR: PITI J I; KLICH M A; SHAFER G P; CRUICKSHANK R H; FRISVAD J C;  
MULLANEY E J; ONIONS A H S; SAMSON R A; WILLIAMS A P  
AUTHOR ADDRESS: CSIRO, DIV. FOOD PROCESSING, P.O. BOX 52, NORTH RYDE,  
N.S.W. 2113, AUST.  
JOURNAL: SYST APPL MICROBIOL 13 (3). 1990. 304-309. 1990  
FULL JOURNAL NAME: Systematic and Applied Microbiology  
CODEN: SAMID  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

6/3/64 (Item 39 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

07277380 BIOSIS NO.: 000090057267  
EFFECT OF PATULIN ON THE KINETIC PROPERTIES OF THE ENZYME ALDOLASE STUDIED  
IN RAT LIVER  
AUTHOR: SAKTHISEKARAN D; SHANMUGASUNDARAM E R B  
AUTHOR ADDRESS: DEP. BIOCHEM., UNIV. MADRAS, TARAMANI CAMPUS, MADRAS-600  
113, INDIA.  
JOURNAL: BIOCHEM INT 21 (1). 1990. 117-134. 1990  
FULL JOURNAL NAME: Biochemistry International  
CODEN: BIIND  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

6/3/65 (Item 40 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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06890091 BIOSIS NO.: 000089044020  
NITRATE INDUCES ENZYMES OF THE MANNITOL CYCLE AND SUPPRESSES VERSICOLORIN  
SYNTHESIS IN \*ASPERGILLUS\*-PARASITICUS  
AUTHOR: NIEHAUS W G JR; JIANG W  
AUTHOR ADDRESS: DEP. BIOCHEM. AND NUTRITION, VA. POLYTECHNIC INST.,  
BLACKBURG, VA. 24061, USA.  
JOURNAL: MYCOPATHOLOGIA 107 (2-3). 1989. 131-138. 1989  
FULL JOURNAL NAME: Mycopathologia  
CODEN: MYCPA  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

6/3/66 (Item 41 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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06423821 BIOSIS NO.: 000036126974  
RECENT DEVELOPMENTS IN THE STUDY OF PENICILLIUM AND \*ASPERGILLUS\*  
SYSTEMATICS  
AUTHOR: PITI J I; KLICH M A  
AUTHOR ADDRESS: CSIRO FOOD RES. LAB., NORTH RYDE, NSW 2133, AUSTRALIA.  
JOURNAL: 57TH ANNUAL MEETING AND SUMMER CONFERENCE OF THE SOCIETY FOR  
APPLIED BACTERIOLOGY, GUILDFORD, ENGLAND, UK, JULY 18-21, 1988. J APPL  
BACTERIOL 65 (6). 1988. II-III. 1988  
CODEN: JABAA  
DOCUMENT TYPE: Meeting  
RECORD TYPE: Citation  
LANGUAGE: ENGLISH

6/3/67 (Item 42 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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06049549 BIOSIS NO.: 000085012698  
STANDARDIZED HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY OF 182 MYCOTOXINS AND  
OTHER FUNGAL METABOLITES BASED ON ALKYLPHENONE RETENTION INDICES AND  
UV-VIS SPECTRA DIODE ARRAY DETECTION  
AUTHOR: FRISVAD J C; THRANE U  
AUTHOR ADDRESS: DEP. BIOTECHNOL., FOOD TECHNOL., BUILDING 221, TECH. UNIV.  
DENMARK, DK-2800 LYNGBY, DENMARK.  
JOURNAL: J CHROMATOGR 404 (1). 1987. 195-214. 1987  
FULL JOURNAL NAME: Journal of Chromatography  
CODEN: JOCRA  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

6/3/68 (Item 43 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

05686325 BIOSIS NO.: 000084034730  
ON-LINE MONITORING AND CONTROL OF PHOSPHATE CONCENTRATION IN DIFFERENT  
FERMENTATION TECHNOLOGIES  
AUTHOR: PECS M; SZIGETI L; BOROS A; NYESTE L; HOLLO J; BATHORY J; PATAKY I;  
ERY M  
AUTHOR ADDRESS: DEP. AGRIC. CHEM. TECHNOL., TECHNICAL UNIV., BUDAPEST,  
H-1111 BUDAPEST, GELLERT TER 4, HUNGARY.  
JOURNAL: ACTA ALIMENT 16 (1). 1987. 79-93. 1987  
FULL JOURNAL NAME: Acta Alimentaria  
CODEN: ACALD  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

6/3/69 (Item 44 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

05651216 BIOSIS NO.: 000083124363  
STUDIES OF IMMUNE FUNCTION OF CD-1 MICE EXPOSED TO AFLATOXIN B-1  
AUTHOR: REDDY R V; TAYLOR M J; SHARMA R P  
AUTHOR ADDRESS: CENT. ENVIRON. TOXICOL., UTAH STATE UNIV., LOGAN, UTAH  
84322, USA.  
JOURNAL: TOXICOLOGY 43 (2). 1987. 123-132. 1987  
FULL JOURNAL NAME: Toxicology  
CODEN: TXCYA  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

6/3/70 (Item 45 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)  
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05226481 BIOSIS NO.: 000082067103  
INHIBITORY ACTIVITY OF THE GENUS CHRYSOSPORIUM IN RELATION TO THE  
COMPOSITION OF THE CULTURE MEDIA USED  
AUTHOR: CALVO M A; CALVO R M; ABARCA L; BRUGUERA T; CABANES F J  
AUTHOR ADDRESS: DEP. DE MICROBIOL., FAC. DE VETERINARIA, UNIV. AUTONOMA DE  
BARCELONA, BELLATERRA BARCELONA, SPAIN.  
JOURNAL: MICROBIOS 46 (187). 1986. 87-94. 1986  
FULL JOURNAL NAME: Microbios  
CODEN: MCBIA  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

6/3/71 (Item 46 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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04786516 BIOSIS NO.: 000080089644  
AFLATOXIN B-INDUCED ALTERATIONS IN UPTAKE AND DISTRIBUTION OF ZINC-65 ZINC  
CHLORIDE BY 4 ZEA-MAYS CULTIVARS AND TOXIN EFFECTS ON ROOT AND STEM  
ELONGATIONS  
AUTHOR: LLEWELLYN G C; SLACK N S; DASHEK W V; REYNOLDS J D; MOLL M B;  
MCCOWEN S M  
AUTHOR ADDRESS: DEP. BIOLOGY, VIRGINIA COMMONWEALTH UNIV., RICHMOND, VA.  
23284.  
JOURNAL: ACTA SOC BOT POL 53 (4). 1984 (1985). 561-574. 1984 1985  
FULL JOURNAL NAME: Acta Societatis Botanicorum Poloniae  
CODEN: ASBNA  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

6/3/72 (Item 47 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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03867909 BIOSIS NO.: 000075045982  
PATULIN MYCO TOXICOSIS IN THE RAT TOXICOLOGY PATHOLOGY AND CLINICAL  
PATHOLOGY  
AUTHOR: MCKINLEY E R; CARLTON W W; BOON G D  
AUTHOR ADDRESS: DEP. VET. MICROBIOL. AND PATHOLOGY, SCH. VET. MED., PURDUE  
UNIV., WEST LAFAYETTE, IN 47907, USA.  
JOURNAL: FOOD CHEM TOXICOL 20 (3). 1982. 289-300. 1982  
FULL JOURNAL NAME: Food and Chemical Toxicology  
CODEN: FCTOD  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

6/3/73 (Item 48 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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03524363 BIOSIS NO.: 000073027443  
EFFECT OF AFLA TOXIN B-1 ON CHROMATIN BOUND RNA POLYMERASE AND NUCLEIC-ACID  
AND PROTEIN SYNTHESIS IN GERMINATING MAIZE SEEDS  
AUTHOR: TRIPATHI R K; MISRA R S  
AUTHOR ADDRESS: DEP. OF PLANT PATHOL., G.B. PANT UNIV. OF AGRICULTURE AND  
TECHNOL., PANTNAGER, NAINITAL 263145, INDIA.  
JOURNAL: APPL ENVIRON MICROBIOL 42 (3). 1981. 389-393. 1981  
FULL JOURNAL NAME: Applied and Environmental Microbiology  
CODEN: AEMID  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

6/3/74 (Item 49 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)

(c) 2001 BIOSIS. All rts. reserv.

03518440 BIOSIS NO.: 000073021520  
OCHRA TOXIN A AN IN-VIVO INHIBITOR OF RENAL PHOSPHOENOL PYRUVATE CARBOXY  
KINASE  
AUTHOR: MEISNER H; MEISNER P  
AUTHOR ADDRESS: DEP. PHARMACOL., SCH. MED., CASE WESTERN RESERVE UNIV.,  
CLEVELAND, OH 44106.  
JOURNAL: ARCH BIOCHEM BIOPHYS 208 (1). 1981. 146-153. 1981  
FULL JOURNAL NAME: Archives of Biochemistry and Biophysics  
CODEN: ABBIA  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

6/3/75 (Item 50 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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02669765 BIOSIS NO.: 000067057833  
ISOLATION AND IDENTIFICATION OF SECONDARY METABOLITES OF A STRAIN OF  
\*ASPERGILLUS\*-TERREUS A COMMON FOOD CONTAMINANT  
AUTHOR: SUBRAMANIAN T; NAMASIVAYAM K M; SHANMUGASUNDARAM E R B  
AUTHOR ADDRESS: UNIV. BIOCHEM. LAB., UNIV. MADRAS, GUINDY CAMPUS, MADRAS  
600 025, TAMIL NADU INDIA.  
JOURNAL: PROC INDIAN ACAD SCI SECT B 87 (7). 1978. 177-180. 1978  
FULL JOURNAL NAME: Proceedings of the Indian Academy of Sciences Section B  
CODEN: PISBA  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

6/3/76 (Item 51 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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02652937 BIOSIS NO.: 000067041002  
AN IMPROVED 11-ALPHA HYDROXYLATION OF PROGESTERONE BY \*ASPERGILLUS\*  
-OCHRACEUS TS  
AUTHOR: SAMANTA T B; ROY N; CHATTOPADHYAY S  
AUTHOR ADDRESS: DEP. MICROBIOL., BOSE INST., CALCUTTA 700009, W. BENGAL,  
INDIA.  
JOURNAL: BIOCHEM J 176 (2). 1978. 593-594. 1978  
FULL JOURNAL NAME: Biochemical Journal  
CODEN: BIJOA  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

6/3/77 (Item 52 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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02617264 BIOSIS NO.: 000067005322  
REGULATION OF AFLA TOXIN BIOSYNTHESIS PART 2 COMPARATIVE STUDY OF TRI  
CARBOXYLIC-ACID CYCLE IN AFLA TOXIGENIC AND NONAFLATOXIGENIC STRAINS OF  
\*ASPERGILLUS\*-FLAVUS  
AUTHOR: GUPTA S K; MAGGON K K; VENKITASUBRAMANIAN T A  
AUTHOR ADDRESS: DEP. BIOCHEM., VALLABHBHAI PATEL CHEST INST., UNIV. DELHI,  
DELHI 110007, INDIA.  
JOURNAL: MICROBIOS 19 (75). 1977 (RECD 1978) 7-16. 1977  
FULL JOURNAL NAME: Microbios  
CODEN: MCBIA  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

6/3/78 (Item 53 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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02489491 BIOSIS NO.: 000066072048  
REGULATION OF MICROBIAL SECONDARY METABOLISM  
AUTHOR: NAKAYAMA K  
AUTHOR ADDRESS: TOKYO RES. LAB., KYOWA HAKKO KOGYO CO., MACHIDASHI, TOKYO,  
JPN.  
JOURNAL: AMINO ACID NUCLEIC ACID (36). 1977 (RECD 1978) 1-33. 1977  
FULL JOURNAL NAME: Amino Acid and Nucleic Acid  
CODEN: HATAA  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

6/3/79 (Item 54 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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02469566 BIOSIS NO.: 000066052111  
COMPARATIVE GENETICS OF YEAST PART 17 A NEW TYPE OF KILLER STRAIN IN  
\*SACCHAROMYCES\*-CEREVISIAE YEAST  
AUTHOR: NAUMOV G I; NAUMOVA T I  
AUTHOR ADDRESS: ALL-UNION RES. INST. GENET. SEL. IND. MICROORG., MOSCOW,  
USSR.  
JOURNAL: GENETIKA 14 (1). 1978 138-144. 1978  
FULL JOURNAL NAME: Genetika  
CODEN: GNKAA  
RECORD TYPE: Abstract  
LANGUAGE: RUSSIAN

6/3/80 (Item 55 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

02417229 BIOSIS NO.: 000065074272  
AFLA TOXIN PRODUCTION BY \*ASPERGILLUS\*-PARASITICUS IN A COMPETITIVE  
ENVIRONMENT  
AUTHOR: WECKBACH L S; MARTH E H  
AUTHOR ADDRESS: DEP. FOOD SCI., UNIV. WIS., MADISON, WIS. 53706, USA.  
JOURNAL: MYCOPATHOLOGIA 62 (1). 1977 (RECD 1978) 39-46. 1977  
FULL JOURNAL NAME: Mycopathologia  
CODEN: MYCPA  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

6/3/81 (Item 56 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

02229842 BIOSIS NO.: 000064072368  
CITRININ MYCO TOXICOSIS IN THE MOUSE  
AUTHOR: JORDAN W H; CARLTON W W; SANSING G A  
JOURNAL: FOOD COSMET TOXICOL 15 (1). 1977 29-34. 1977  
FULL JOURNAL NAME: Food and Cosmetics Toxicology  
CODEN: FCTXA  
RECORD TYPE: Abstract

6/3/82 (Item 57 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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01973750 BIOSIS NO.: 000062063868  
BINDING OF AFLA TOXIN B-1 AND AFLA TOXIN G-1 TO RAT LIVER CHROMATIN  
AUTHOR: PRASANNA H R; GUPTA S R; VISWANATHAN L; VENKITASUBRAMANIAN T A  
JOURNAL: TOXICOL APPL PHARMACOL 36 (3). 1976 503-510. 1976  
FULL JOURNAL NAME: Toxicology and Applied Pharmacology  
CODEN: TXAPA  
RECORD TYPE: Abstract

6/3/83 (Item 58 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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01921310 BIOSIS NO.: 000062011404  
SPONTANEOUS TOXIC NEPHROPATHY IN POULTRY ASSOCIATED WITH OCHRA TOXIN A  
AUTHOR: ELLING F; HALD B; JACOBSEN C; KROGH P  
JOURNAL: ACTA PATHOL MICROBIOL SCAND SECT A PATHOL 83 (6). 1975 (RECD 1976)  
739-741. 1975  
FULL JOURNAL NAME: Acta Pathologica et Microbiologica Scandinavica Section  
A Pathology  
CODEN: AMBPB  
RECORD TYPE: Abstract

6/3/84 (Item 1 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)  
(c) format only 2000 Dialog Corporation. All rts. reserv.

10692484 21039375  
A Catharanthus roseus BPF-1 homologue interacts with an  
elicitor-responsive region of the \*secondary\* \*metabolite\* biosynthetic  
gene Str and is induced by elicitor via a JA-independent signal  
transduction pathway.  
van der Fits L; Zhang H; Menke FL; Deneka M; Memelink J  
Institute of Molecular Plant Sciences, Clusius Laboratory, Leiden  
University, Netherlands.  
Plant molecular biology (Netherlands) Nov 2000, 44 (5) p675-85,  
ISSN 0167-4412 Journal Code: A60  
Languages: ENGLISH  
Document type: Journal Article

6/3/85 (Item 2 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)  
(c) format only 2000 Dialog Corporation. All rts. reserv.

10231216 99445168  
Involvement of amfC in physiological and morphological development in  
Streptomyces coelicolor A3(2).  
Yonekawa T; Ohnishi Y; Horinouchi S  
Department of Biotechnology, Graduate School of Agriculture and Life  
Sciences, The University of Tokyo, Japan.  
Microbiology (ENGLAND) Sep 1999, 145 ( Pt 9) p2273-80, ISSN 1350-0872  
Journal Code: BXW  
Languages: ENGLISH  
Document type: JOURNAL ARTICLE

6/3/86 (Item 3 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)  
(c) format only 2000 Dialog Corporation. All rts. reserv.

09984630 99185278  
Coordinate control of \*secondary\* \*metabolite\* production and asexual  
sporulation in \*Aspergillus\* nidulans.  
Adams TH; Yu JH  
Cereon Genomics, LLC 270 Albang Sq, Cambridge, MA 02139, USA. tom.h.  
adams@cereon.com  
Current opinion in microbiology (ENGLAND) Dec 1998, 1 (6) p674-7,  
ISSN 1369-5274 Journal Code: DAY  
Languages: ENGLISH  
Document type: JOURNAL ARTICLE; REVIEW; REVIEW, TUTORIAL

6/3/87 (Item 4 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)  
(c) format only 2000 Dialog Corporation. All rts. reserv.

09982525 99286139  
Functional genomic technologies: creating new paradigms for fundamental

and applied biology.

Kao CM  
Department of Biochemistry, Stanford University School of Medicine, Stanford, California 94305-5307, USA.  
Biotechnology progress (UNITED STATES) May-Jun 1999, 15 (3) p304-11, ISSN 8756-7938 Journal Code: ALG  
Languages: ENGLISH  
Document type: JOURNAL ARTICLE

6/3/88 (Item 5 from file: 155)  
DIALOG(R)File 155: MEDLINE(R)  
(c) format only 2000 Dialog Corporation. All rts. reserv.

07882734 94164860  
The soraphens: a family of novel antifungal compounds from Sorangium cellulosum (Myxobacteria). I. Soraphen A1 alpha: fermentation, isolation, biological properties.  
Gerth K; Bedorf N; Irschik H; Hofle G; Reichenbach H  
GBF, Gesellschaft fur Biotechnologische Forschung, Arbeitsgruppe Mikrobielle Sekundarstoffe, Braunschweig, Federal Republic of Germany.  
Journal of antibiotics (JAPAN) Jan 1994, 47 (1) p23-31, ISSN 0021-8820 Journal Code: HCF  
Languages: ENGLISH  
Document type: JOURNAL ARTICLE

6/3/89 (Item 6 from file: 155)  
DIALOG(R)File 155: MEDLINE(R)  
(c) format only 2000 Dialog Corporation. All rts. reserv.

07791005 94089686  
Isolation of an *Arabidopsis thaliana* gene encoding cycloartenol synthase by functional expression in a yeast mutant lacking lanosterol synthase by the use of a chromatographic screen.  
Corey EJ; Matsuda SP; Bartel B  
Department of Chemistry, Harvard University, Cambridge, MA 02138.  
Proceedings of the National Academy of Sciences of the United States of America (UNITED STATES) Dec 15 1993, 90 (24) p11628-32, ISSN 0027-8424 Journal Code: PV3  
Languages: ENGLISH  
Document type: JOURNAL ARTICLE

6/3/90 (Item 7 from file: 155)  
DIALOG(R)File 155: MEDLINE(R)  
(c) format only 2000 Dialog Corporation. All rts. reserv.

06737608 91313863  
Novel occurrence of cyclopiazonic acid in sunflower seeds.  
Ross PF; Rice LG; Casper HH; Crenshaw JD; Richard JL  
Animal and Plant Health Inspection Service, Science and Technology, National Veterinary Services Laboratories, Ames, IA 50010.  
Veterinary and human toxicology (UNITED STATES) Jun 1991, 33 (3) p284-5, ISSN 0145-6296 Journal Code: XBV  
Languages: ENGLISH  
Document type: JOURNAL ARTICLE

6/3/91 (Item 8 from file: 155)  
DIALOG(R)File 155: MEDLINE(R)  
(c) format only 2000 Dialog Corporation. All rts. reserv.

03834789 82103936  
Biogenesis of the C20 polyketide, aflatoxin. A review.  
Applebaum RS; Marth EH  
Mycopathologia (NETHERLANDS) Nov 11 1981, 76 (2) p103-14, ISSN 0369-299X Journal Code: NO4  
Languages: ENGLISH  
Document type: JOURNAL ARTICLE; REVIEW  
?

PLEASE ENTER A COMMAND OR BE LOGGED OFF IN 5 MINUTES  
?ds

Set	Items	Description
S1	35	SECONDARY(W)METABOLITE AND YEAST
S2	119	SECONDARY(W)METABOLITE AND ASPERGILLUS
S3	17	SECONDARY(W)METABOLITE AND SACCHAROMYCES
S4	1795194	INCREASE OR IMPROVE(W) PRODUCTION OR YIELD
S5	138	S4 AND S1 OR S2 OR S3
S6	91	RD (unique items)

?s s6

S7 91 S6

?t/9/44,86

7/9/44 (Item 19 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

09658347 BIOSIS NO.: 199598113265  
Resistance to the branched-chain amino acid analog trifluoroleucine and  
\*secondary\* \*metabolite\* production in \*Saccharomyces\* cerevisiae.  
AUTHOR: Casalone E(a); Fia G; Barberio C; Poisinelli M  
AUTHOR ADDRESS: (a)Biochem. Sci. Inst., Chieti Univ., Via dei Vestini,  
66100 Chieti\*Italy  
JOURNAL: Mededelingen Faculteit Landbouwkundige en Toegepaste Biologische  
Wetenschappen Universiteit Gent 59 (4A-B):p1825-1827 1994  
CONFERENCE/MEETING: Eighth Forum for Applied Biotechnology Brugge, Belgium  
September 28-30, 1994  
RECORD TYPE: Citation  
LANGUAGE: English  
DESCRIPTORS:  
MAJOR CONCEPTS: Biochemistry and Molecular Biophysics; Bioenergetics  
(Biochemistry and Molecular Biophysics); Cell Biology; Development;  
Foods; Genetics; Metabolism; Methods and Techniques  
BIOSYSTEMATIC NAMES: Ascomycetes--Fungi, Plantae  
ORGANISMS: \*Saccharomyces\* cerevisiae (Ascomycetes)  
BIOSYSTEMATIC CLASSIFICATION (SUPER TAXA): fungi; microorganisms;  
nonvascular plants; plants  
MISCELLANEOUS TERMS: FLAVOR; GENETICS; MEETING PAPER; MEETING POSTER;  
MUTATION; QUALITY; SECONDARY METABOLITES; WINE FERMENTATION

CONCEPT CODES:

02504 Cytology and Cytochemistry-Plant  
03504 Genetics and Cytogenetics-Plant  
10010 Comparative Biochemistry, General  
10050 Biochemical Methods-General  
10060 Biochemical Studies-General  
10064 Biochemical Studies-Proteins, Peptides and Amino Acids  
10068 Biochemical Studies-Carbohydrates  
10504 Biophysics-General Biophysical Techniques  
10506 Biophysics-Molecular Properties and Macromolecules  
13002 Metabolism-General Metabolism; Metabolic Pathways  
13003 Metabolism-Energy and Respiratory Metabolism  
13004 Metabolism-Carbohydrates  
13512 Food Technology-Malts, Brews and Other Fermentation Products  
13530 Food Technology-Evaluations of Physical and Chemical Properties  
(1970- )  
13532 Food Technology-Preparation, Processing and Storage (1970- )  
32000 Microbiological Apparatus, Methods and Media  
39003 Food and Industrial Microbiology-Food and Beverage Fermentation  
(1970- )  
51508 Plant Physiology, Biochemistry and Biophysics-Respiration,  
Fermentation  
51510 Plant Physiology; Biochemistry and Biophysics-Growth,  
Differentiation  
51519 Plant Physiology, Biochemistry and Biophysics-Metabolism  
51524 Plant Physiology, Biochemistry and Biophysics-Apparatus and  
Methods  
00520 General Biology-Symposia, Transactions and Proceedings of  
Conferences, Congresses, Review Annuals  
BIOSYSTEMATIC CODES:  
15100 Ascomycetes

7/9/86 (Item 3 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)  
(c) format only 2000 Dialog Corporation. All rts. reserv.

09984630 99185278  
Coordinate control of \*secondary\* \*metabolite\* production and asexual sporulation in \*Aspergillus\* nidulans.  
Adams TH; Yu JH  
Cereon Genomics, LLC 270 Albang Sq, Cambridge, MA 02139, USA. tom.h.  
adams@cereon.com  
Current opinion in microbiology (ENGLAND) Dec 1998, 1 (6) p674-7,  
ISSN 1369-5274 Journal Code: DAY  
Languages: ENGLISH  
Document type: JOURNAL ARTICLE; REVIEW; REVIEW, TUTORIAL  
JOURNAL ANNOUNCEMENT: 9910  
Subfile: INDEX MEDICUS.  
Microbial \*secondary\* \*metabolite\* production is frequently associated with developmental processes such as sporulation, but there are few cases where this correlation is understood. Recent work with the filamentous fungus \*Aspergillus\* nidulans has provided new insights into the mechanisms coordinating production of the toxic \*secondary\* \*metabolite\* sterigmatocystin with asexual sporulation. These processes have been shown to be linked through a common need to inactivate a heterotrimeric G protein dependent signaling pathway that, when active, serves to stimulate growth while blocking both sporulation and sterigmatocystin biosynthesis. (38 Refs.)  
Descriptors: \*Aspergillus\* nidulans--Physiology--PH; \*Gene Expression Regulation, Fungal; \*Sterigmatocystin--Biosynthesis--BI; \*Aspergillus\* nidulans--Genetics--GE; \*Aspergillus\* nidulans--Metabolism--ME; Genes, Fungal; Reproduction--Physiology--PH; Spores, Fungal--Genetics--GE; Spores, Fungal--Physiology--PH  
CAS Registry No.: 10048-13-2 (Sterigmatocystin)  
?ds

Set	Items	Description
S1	35	SECONDARY(W)METABOLITE AND YEAST
S2	119	SECONDARY(W)METABOLITE AND ASPERGILLUS
S3	17	SECONDARY(W)METABOLITE AND SACCHAROMYCES
S4	1795194	INCREASE OR IMPROVE(W)PRODUCTION OR YIELD
S5	138	S4 AND S1 OR S2 OR S3
S6	91	RD (unique items)
S7	91	S6

?logoff  
20may01 09:52:04 User259980 Session D119.2  
\$3.44 0.478 DialUnits File71  
\$23.75 25 Type(s) in Format 3  
\$3.00 2 Type(s) in Format 9  
\$26.75 27 Types  
\$30.19 Estimated cost File71  
\$5.63 1.005 DialUnits File5  
\$95.70 58 Type(s) in Format 3  
\$4.95 3 Type(s) in Format 9  
\$100.65 61 Types  
\$106.28 Estimated cost File5  
\$2.13 0.664 DialUnits File155  
\$1.60 8 Type(s) in Format 3  
\$0.20 1 Type(s) in Format 9  
\$1.80 9 Types  
\$3.93 Estimated cost File155  
\$1.48 0.103 DialUnits File434  
\$1.48 Estimated cost File434  
OneSearch, 4 files, 2.251 DialUnits FileOS  
\$1.10 TYMNET  
\$142.98 Estimated cost this search  
\$143.41 Estimated total session cost 2.370 DialUnits

### Status: Signed Off. (22 minutes)

```
### Status: Path 1 of [Dialog Information Services via Modem]

### Status: Initializing TCP/IP using (UseTelnetProto 1 ServiceID pto-dialog)
Trying 3106900061...Open

DIALOG INFORMATION SERVICES
PLEASE LOGON:
***** HHHHHHHH SSSSSSS?
### Status: Signing onto Dialog
*****  
ENTER PASSWORD:
***** HHHHHHHH SSSSSSS?PWZ0bgdt *****
Welcome to DIALOG
### Status: Connected

Dialog level 00.12.12D

Last logoff: 20may01 09:52:04
Logon file001 20may01 11:15:39
KWIC is set to 50.
HIGHLIGHT set on as '**'
* * * * *

File 1:ERIC 1966-2001/May 08
(c) format only 2001 The Dialog Corporation

Set Items Description
--- --- -----
?b 71, 5, 155, 434
20may01 11:15:50 User259980 Session D120.1
$0.41 0.118 DialUnits File1
$0.41 Estimated cost File1
$0.01 TYMNET
$0.42 Estimated cost this search
$0.42 Estimated total session cost 0.118 DialUnits

SYSTEM:OS - DIALOG OneSearch
File 71:ELSEVIER BIOBASE 1994-2001/May W4
(c) 2001 Elsevier Science B.V.
File 5:Biosis Previews(R) 1969-2001/May W2
(c) 2001 BIOSIS
File 155:MEDLINE(R) 1966-2001/May W5
(c) format only 2000 Dialog Corporation
*File 155: Medline has now updated. For further information
see Help News155.
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 1998 Inst for Sci Info

Set Items Description
--- --- -----
?s improve(w)production or yield
195374 IMPROVE
945925 PRODUCTION
126 IMPROVE(W)PRODUCTION
312041 YIELD
S1 312143 IMPROVE(W)PRODUCTION OR YIELD
?s s1 and polyketides
312143 S1
574 POLYKETIDES
S2 23 S1 AND POLYKETIDES
?rd
...completed examining records
S3 12 RD (unique items)
?t/3/all

3/3/1 (Item 1 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
(c) 2001 Elsevier Science B.V. All rts. reserv.
```

01200121 1999178205  
Impact of thioesterase activity on tylisin biosynthesis in *Streptomyces fradiae*  
Butler A.R.; Bate N.; Cundliffe E.  
ADDRESS: E. Cundliffe, Department of Biochemistry, University of Leicester, Leicester LE1 7RH, United Kingdom  
EMAIL: ec13@le.ac.uk  
Journal: Chemistry and Biology, 6/5 (287-292), 1999, United Kingdom  
CODEN: CBOLE  
ISSN: 1074-5521  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English  
NO. OF REFERENCES: 27

3/3/2 (Item 2 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.

00968181 1998198822  
Engineered biosynthesis of novel \*polyketides\* from *Streptomyces* spore pigment polyketide synthases  
Yu T.-W.; Shen Y.; McDaniel R.; Floss H.G.; Khosla C.; Hopwood D.A.; Moore B.S.  
ADDRESS: B.S. Moore, Department of Chemistry, Box 351700, University of Washington, Seattle, WA 98195-1700, United States  
EMAIL: bmoore@chem.washington.edu  
Journal: Journal of the American Chemical Society, 120/31 (7749-7759), 1998, United States  
PUBLICATION DATE: August 12, 1998  
CODEN: JACSA  
ISSN: 0002-7863  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English

3/3/3 (Item 3 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.

00828490 1998067568  
Metabolic engineering: Techniques for analysis of targets for genetic manipulations  
Nielsen J.  
ADDRESS: J. Nielsen, Center for Process Biotechnology, Department of Biotechnology, Technical University of Denmark, DK-2800 Lyngby, Denmark  
EMAIL: jn@ibt.dtu.dk  
Journal: Biotechnology and Bioengineering, 58/2-3 (125-132), 1998, United States  
PUBLICATION DATE: May 5, 1998  
CODEN: BIBIA  
ISSN: 0006-3592  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English  
NO. OF REFERENCES: 38

3/3/4 (Item 4 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.

00504990 97004669  
A hybrid modular polyketide synthase obtained by domain swapping  
Oliynyk M.; Brown M.J.B.; Cortes J.; Staunton J.; Leadlay P.F.  
ADDRESS: P.F. Leadlay, Department of Biochemistry, Cambridge Molecular Recognition Ctr., University of Cambridge, Cambridge CB2 1QW, United Kingdom  
Journal: Chemistry and Biology, 3/10 (833-839), 1996, United Kingdom  
PUBLICATION DATE: 19960000

CODEN: CBOLE  
ISSN: 1074-5521  
DOCUMENT TYPE: Article  
LANGUAGES: English      SUMMARY LANGUAGES: English

3/3/5      (Item 5 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.

00392230      96086648  
Deciphering the mechanism for the assembly of aromatic \*polyketides\* by a  
bacterial polyketide synthase  
Shen B.; Hutchinson C.R.  
ADDRESS: C.R. Hutchinson, School of Pharmacy, University of Wisconsin, 425  
North Charter Street, Madison, WI 53706, United States  
Journal: Proceedings of the National Academy of Sciences of the United  
States of America, 93/13 (6600-6604), 1996, United States  
PUBLICATION DATE: 19960000  
CODEN: PNASA  
ISSN: 0027-8424  
DOCUMENT TYPE: Article  
LANGUAGES: English      SUMMARY LANGUAGES: English

3/3/6      (Item 6 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.

00147710      94140148  
Engineered biosynthesis of novel \*polyketides\*: Stereochemical course of  
two reactions catalyzed by a polyketide synthase  
Fu H.; McDaniel R.; Hopwood D.A.; Khosla C.  
ADDRESS: C. Khosla, Department of Chemical Engineering, Stanford  
University, Stanford, CA 94305-5025, United States  
Journal: Biochemistry, 33/31 (9321-9326), 1994, United States  
PUBLICATION DATE: 19940000  
CODEN: BICHA  
ISSN: 0006-2960  
DOCUMENT TYPE: Article  
LANGUAGES: English      SUMMARY LANGUAGES: English

3/3/7      (Item 1 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

12619796      BIOSIS NO.: 200000373298  
Biosynthesis of the polyene antifungal antibiotic nystatin in *Streptomyces*  
*noursei* ATCC 11455: Analysis of the gene cluster and deduction of the  
biosynthetic pathway.  
AUTHOR: Brautaset Trygve; Sekurova Olga N; Sletta Havard; Ellingsen Trond E  
; Strom Arne R; Valla Svein; Zotchev Sergey B(a)  
AUTHOR ADDRESS: (a)UNIGEN Center for Molecular Biology and Department of  
Biotechnology, Norwegian University of Science and Technology, N-7489,  
Trondheim\*\*Norway  
JOURNAL: Chemistry & Biology (London) 7 (6):p395-403 June, 2000  
MEDIUM: print  
ISSN: 1074-5521  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

3/3/8      (Item 2 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

12401029      BIOSIS NO.: 200000154531  
A two-vector system for the production of recombinant \*polyketides\* in

Streptomyces.  
AUTHOR: Ziermann R; Betlach M C(a)  
AUTHOR ADDRESS: (a)Kosan Biosciences, Inc, 3832 Bay Center Place, Hayward, CA, 94545\*\*USA  
JOURNAL: Journal of Industrial Microbiology & Biotechnology. 24 (1):p46-50 Jan., 2000  
ISSN: 1367-5435  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

3/3/9 (Item 3 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

07639294 BIOSIS NO.: 000092009238  
BIOSYNTHESIS OF PIGMENTS VIA THE POLYKETIDE PATHWAY AS A WAY TO REGULATE THE OXIDATIVE METABOLISM OF STREPTOMYCES CULTURES PRODUCING THESE PIGMENTS  
AUTHOR: TRUTKO S M; AKIMENKO V K  
AUTHOR ADDRESS: INST. BIOCHEM. PHYSIOL. MICROORG., ACAD. SCI. USSR, PUSHCHINO, USSR.  
JOURNAL: MIKROBIOLOGIYA 59 (6). 1990. 942-947. 1990  
FULL JOURNAL NAME: Mikrobiologiya  
CODEN: MIKBA  
RECORD TYPE: Abstract  
LANGUAGE: RUSSIAN

3/3/10 (Item 1 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)  
(c) format only 2000 Dialog Corporation. All rts. reserv.

08597989 98044640  
Engineered biosynthesis of novel \*polyketides\*: evidence for temporal, but not regiospecific, control of cyclization of an aromatic polyketide precursor.  
Fu H; Hopwood DA; Khosla C  
Department of Chemical Engineering, Stanford University, CA 94305-5025, USA.  
Chemistry & biology (ENGLAND) Dec 1994, 1 (4) p205-10, ISSN 1074-5521  
Journal Code: CNA  
Languages: ENGLISH  
Document type: JOURNAL ARTICLE

3/3/11 (Item 2 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)  
(c) format only 2000 Dialog Corporation. All rts. reserv.

06281979 90047071  
Antibiotics: opportunities for genetic manipulation.  
Hopwood DA  
John Innes Institute, Norwich, U.K.  
Philosophical transactions of the Royal Society of London. Series B: Biological sciences (ENGLAND) Aug 31 1989, 324 (1224) p549-62, ISSN 0962-8436 Journal Code: P52  
Languages: ENGLISH  
Document type: JOURNAL ARTICLE; REVIEW; REVIEW LITERATURE

3/3/12 (Item 3 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)  
(c) format only 2000 Dialog Corporation. All rts. reserv.

06050536 87144590  
Homology between Streptomyces genes coding for synthesis of different \*polyketides\* used to clone antibiotic biosynthetic genes.  
Malpartida F; Hallam SE; Kieser HM; Motamedi H; Hutchinson CR; Butler MJ;

Sugden DA; Warren M; McKillop C; Bailey CR; et al  
Nature (ENGLAND) Feb 26-Mar 4 1987, 325 (6107) p818-21, ISSN  
0028-0836 Journal Code: NSC  
Contract/Grant No.: CA35381, CA, NCI  
Languages: ENGLISH  
Document type: JOURNAL ARTICLE  
?s sl and polyketide  
312143 S1  
2637 POLYKETIDE  
S4 66 S1 AND POLYKETIDE  
?rd  
...examined 50 records (50)  
...completed examining records  
S5 38 RD (unique items)  
?t/3/all

5/3/1 (Item 1 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.

01705652 2001077872  
A multifunctional \*polyketide\*-peptide synthetase essential for albidicin biosynthesis in Xanthomonas albilineans  
Huang G.; Zhang L.; Birch R.G.  
ADDRESS: R.G. Birch, Department of Botany, The University of Queensland, Brisbane, QLD 4072, Australia  
EMAIL: r.birch@botany.uq.edu.u  
Journal: Microbiology, 147/3 (631-642), 2001, United Kingdom  
CODEN: MROBE  
ISSN: 1350-0872  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English  
NO. OF REFERENCES: 57

5/3/2 (Item 2 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.

01460856 2000098998  
A defined system for hybrid macrolide biosynthesis in Saccharopolyspora erythraea  
Gaisser S.; Reather J.; Wirtz G.; Kellenberger L.; Staunton J.; Leadlay P.F.  
ADDRESS: P.F. Leadlay, Cambridge Centre Mol. Recognition, Department of Biochemistry, University of Cambridge, 80 Tennis Court Road, Cambridge CB2 1GA, United Kingdom  
EMAIL: pfl10@mole.bio.cam.ac.uk  
Journal: Molecular Microbiology, 36/2 (391-401), 2000, United Kingdom  
CODEN: MOMIE  
ISSN: 0950-382X  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English  
NO. OF REFERENCES: 40

5/3/3 (Item 3 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.

01321138 1999164531  
Improvement of red pigment/citrinin production ratio as a function of environmental conditions by Monascus ruber  
Hajjaj H.; Blanc P.J.; Groussac E.; Goma G.; Uribelarrea J.L.; Loubiere P.  
ADDRESS: P.J. Blanc, Lab. Biotechnologie et Bioproceses, UMR CNRS/INSA 5504, LA INRA, F-31077 Toulouse Cedex 04, France  
EMAIL: blanc@insa-tlse.fr  
Journal: Biotechnology and Bioengineering, 64/4 (497-501), 1999, United States  
PUBLICATION DATE: August 20, 1999  
CODEN: BIBIA

ISSN: 0006-3592  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English  
NO. OF REFERENCES: 26

5/3/4 (Item 4 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
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01200121 1999178205  
Impact of thioesterase activity on tylosin biosynthesis in *Streptomyces fradiae*  
Butler A.R.; Bate N.; Cundliffe E.  
ADDRESS: E. Cundliffe, Department of Biochemistry, University of Leicester,  
Leicester LE1 7RH, United Kingdom  
EMAIL: ec13@le.ac.uk  
Journal: Chemistry and Biology, 6/5 (287-292), 1999, United Kingdom  
CODEN: CBOLE  
ISSN: 1074-5521  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English  
NO. OF REFERENCES: 27

5/3/5 (Item 5 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.

00968181 1998198822  
Engineered biosynthesis of novel polyketides from *Streptomyces* spore  
pigment \*polyketide\* synthases  
Yu T.-W.; Shen Y.; McDaniel R.; Floss H.G.; Khosla C.; Hopwood D.A.; Moore  
B.S.  
ADDRESS: B.S. Moore, Department of Chemistry, Box 351700, University of  
Washington, Seattle, WA 98195-1700, United States  
EMAIL: bmoore@chem.washington.edu  
Journal: Journal of the American Chemical Society, 120/31 (7749-7759), 1998  
, United States  
PUBLICATION DATE: August 12, 1998  
CODEN: JACSA  
ISSN: 0002-7863  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English

5/3/6 (Item 6 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
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00898306 1998136982  
Plant \*polyketide\* synthases: A chalcone synthase-type enzyme which  
performs a condensation reaction with methylmalonyl-CoA in the  
biosynthesis of C-methylated chalcones  
Schroder J.; Raiber S.; Berger T.; Schmidt A.; Schmidt J.; Soares-Sello  
A.M.; Bardshiri E.; Strack D.; Simpson T.J.; Veit M.; Schroder G.  
ADDRESS: J. Schroder, Institut fur Biologie II, Universitat Freiburg,  
Schanzlestrasse 1, D-79104 Freiburg, Germany  
EMAIL: jschroe@ruf.uni-freiburg.de  
Journal: Biochemistry, 37/23 (8417-8425), 1998, United States  
PUBLICATION DATE: June 9, 1998  
CODEN: BICHA  
ISSN: 0006-2960  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English  
NO. OF REFERENCES: 48

5/3/7 (Item 7 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.

00807968 1998044762  
Characterization of Sfp, a *Bacillus subtilis* phosphopantetheinyl  
transferase for peptidyl carrier protein domains in peptide synthetases  
Quadri L.E.N.; Weinreb P.H.; Lei M.; Nakano M.M.; Zuber P.; Walsh C.T.  
ADDRESS: C.T. Walsh, Department of Biological Chemistry, Molecular  
Pharmacology, Harvard Medical School, Boston, MA 02115, United  
States  
EMAIL: walsh@walsh.med.harvard.edu  
Journal: Biochemistry, 37/6 (1585-1595), 1998, United States ..  
PUBLICATION DATE: February 10, 1998  
CODEN: BICHA  
ISSN: 0006-2960  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English  
NO. OF REFERENCES: 42

5/3/8 (Item 8 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.  
  
00726086 97230494  
Acyltransferase domain substitutions in erythromycin \*polyketide\* synthase  
\*yield\* novel erythromycin derivatives  
Roan X.; Pereda A.; Stassi D.L.; Zeidner D.; Summers R.G.; Jackson M.;  
Shivakumar A.; Kakavas S.; Staver M.J.; Donadio S.; Katz L.  
ADDRESS: L. Katz, Abbott Laboratories, 100 Abbott Park Road, Abbott Park,  
IL 60064, United States  
EMAIL: leonard.katz@abbott.com  
Journal: Journal of Bacteriology, 179/20 (6416-6425), 1997, United States  
PUBLICATION DATE: 19970000  
CODEN: JOBAA  
ISSN: 0021-9193  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English  
NO. OF REFERENCES: 44

5/3/9 (Item 9 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.  
  
00586457 97089284  
Ability of *Streptomyces* spp. acyl carrier proteins and coenzyme A analogs  
to serve as substrates in vitro for *E. coli* holo-ACP synthase  
Gehring A.M.; Lambalot R.H.; Vogel K.W.; Drueckhamer D.G.; Walsh C.T.  
ADDRESS: C.T. Walsh, DBCMP, Harvard Medical School, 240 Longwood Avenue,  
Boston, MA 02115, United States  
EMAIL: walsh@walsh.med.harvard.edu  
Journal: Chemistry and Biology, 4/1 (17-24), 1997, United Kingdom  
PUBLICATION DATE: 19970000  
CODEN: CBOLE  
ISSN: 1074-5521  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English  
NO. OF REFERENCES: 19

5/3/10 (Item 10 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.  
  
00506284 97005963  
Characterisation of genes involved in biosynthesis of coronafacic acid, the  
\*polyketide\* component of the phytotoxin coronatine  
Penfold C.N.; Bender C.L.; Turner J.G.  
ADDRESS: J.G. Turner, Molecular Biology Sector, School of Biological  
Sciences, University of East Anglia, Norwich NR4 7TJ, United  
Kingdom  
EMAIL: j.g.turner(@)uea.ac.uk

Journal: Gene, 183/1-2 (167-173), 1996, Netherlands  
PUBLICATION DATE: 19960000  
CODEN: GENED  
ISSN: 0378-1119  
PUBLISHER ITEM IDENTIFIER: S0378111996005501  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English  
NO. OF REFERENCES: 45

5/3/11 (Item 11 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.

00504990 97004669  
A hybrid modular \*polyketide\* synthase obtained by domain swapping  
Oliynyk M.; Brown M.J.B.; Cortes J.; Staunton J.; Leadlay P.F.  
ADDRESS: P.F. Leadlay, Department of Biochemistry, Cambridge Molecular  
Recognition Ctr., University of Cambridge, Cambridge CB2 1QW,  
United Kingdom  
Journal: Chemistry and Biology, 3/10 (833-839), 1996, United Kingdom  
PUBLICATION DATE: 19960000  
CODEN: CBOLE  
ISSN: 1074-5521  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English

5/3/12 (Item 12 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.

00504989 97004668  
A functional chimeric modular \*polyketide\* synthase generated via domain  
replacement  
Bedford D.; Jacobsen J.R.; Luo G.; Cane D.E.; Khosla C.  
ADDRESS: D.E. Cane, Department of Chemistry, Brown University, Box H,  
Providence, RI 02912, United States  
Journal: Chemistry and Biology, 3/10 (827-831), 1996, United Kingdom  
PUBLICATION DATE: 19960000  
CODEN: CBOLE  
ISSN: 1074-5521  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English

5/3/13 (Item 13 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.

00392230 96086648  
Deciphering the mechanism for the assembly of aromatic polyketides by a  
bacterial \*polyketide\* synthase  
Shen B.; Hutchinson C.R.  
ADDRESS: C.R. Hutchinson, School of Pharmacy, University of Wisconsin, 425  
North Charter Street, Madison, WI 53706, United States  
Journal: Proceedings of the National Academy of Sciences of the United  
States of America, 93/13 (6600-6604), 1996, United States  
PUBLICATION DATE: 19960000  
CODEN: PNASA  
ISSN: 0027-8424  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English

5/3/14 (Item 14 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.

00270740 95066207  
Streptomyces peucetius daumorubicin biosynthesis gene, dnrF: Sequence and

heterologous expression  
Filippini S.; Solinas M.M.; Breme U.; Schluter M.B.; Gabellini D.; Biamonti G.; Colombo A.L.; Garofano L.  
ADDRESS: S. Filippini, BioScience Center Pharmacia, Via Papa Giovanni XXIII  
23, 20014 Nerviano (Mi), Italy  
Journal: Microbiology, 141/4 (1007-1016), 1995, United Kingdom  
PUBLICATION DATE: 19950000  
CODEN: MROBE  
ISSN: 1350-0872  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English

5/3/15 (Item 15 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.

00147710 94140148  
Engineered biosynthesis of novel polyketides: Stereochemical course of two  
reactions catalyzed by a \*polyketide\* synthase  
Fu H.; McDaniel R.; Hopwood D.A.; Khosla C.  
ADDRESS: C. Khosla, Department of Chemical Engineering, Stanford  
University, Stanford, CA 94305-5025, United States  
Journal: Biochemistry, 33/31 (9321-9326), 1994, United States  
PUBLICATION DATE: 19940000  
CODEN: BICHA  
ISSN: 0006-2960  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English

5/3/16 (Item 1 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

12619796 BIOSIS NO.: 200000373298  
Biosynthesis of the polyene antifungal antibiotic nystatin in *Streptomyces noursei* ATCC 11455: Analysis of the gene cluster and deduction of the biosynthetic pathway.  
AUTHOR: Brautaset Trygve; Sekurova Olga N; Sletta Havard; Ellingsen Trond E  
; Strom Arne R; Valla Svein; Zotchev Sergey B(a)  
AUTHOR ADDRESS: (a)UNIGEN Center for Molecular Biology and Department of  
Biotechnology, Norwegian University of Science and Technology, N-7489,  
Trondheim\*\*Norway  
JOURNAL: Chemistry & Biology (London) 7 (6):p395-403 June, 2000  
MEDIUM: print  
ISSN: 1074-5521  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

5/3/17 (Item 2 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

12474210 BIOSIS NO.: 200000227712  
Insertional inactivation of mtrX and mtrY genes from the mithramycin gene  
cluster affects production and growth of the producer organism  
*Streptomyces argillaceus*.  
AUTHOR: Garcia-Bernardo Jose; Brana Alfredo F; Mendez Carmen; Salas Jose A  
(a)  
AUTHOR ADDRESS: (a)Departamento de Biología Funcional, Instituto  
Universitario de Oncología del Principado de Asturias (I.U.O.P.A),  
Universidad de Oviedo, 33006, Oviedo\*\*Spain  
JOURNAL: FEMS Microbiology Letters 186 (1):p61-65 May 1, 2000  
ISSN: 0378-1097  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

SUMMARY LANGUAGE: English

5/3/18 (Item 3 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

12401029 BIOSIS NO.: 200000154531  
A two-vector system for the production of recombinant polyketides in  
Streptomyces.  
AUTHOR: Ziermann R; Betlach M C(a)  
AUTHOR ADDRESS: (a)Kosan Biosciences, Inc, 3832 Bay Center Place, Hayward,  
CA, 94545\*\*USA  
JOURNAL: Journal of Industrial Microbiology & Biotechnology. 24 (1):p46-50  
Jan., 2000  
ISSN: 1367-5435  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

5/3/19 (Item 4 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

12188716 BIOSIS NO.: 199900483565  
Contribution of molecular genetics to the antibiotics research.  
AUTHOR: Deng Zixin(a); Zhou Xiufen(a)  
AUTHOR ADDRESS: (a)Huazhong Agricultural University, Wuhan, 430070\*\*China  
JOURNAL: Zhongguo Kangshengsu Zazhi 24 (2):p81-85 1999  
ISSN: 1001-8689  
DOCUMENT TYPE: Literature Review  
RECORD TYPE: Abstract  
LANGUAGE: Chinese; Non-English  
SUMMARY LANGUAGE: Chinese; English

5/3/20 (Item 5 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

11379042 BIOSIS NO.: 199800160374  
Characterization of Sfp, a *Bacillus subtilis* phosphopantetheinyl  
transferase for peptidyl carrier protein domains in peptide synthetases.  
AUTHOR: Quadri Luis E N; Weinreb Paul H; Lei Ming; Nakano Michiko M; Zuber  
Peter; Walsh Christopher T(a)  
AUTHOR ADDRESS: (a)Dep. Biol. Chem. Mol. Pharmacol., Harv. Med. Sch.,  
Boston, MA 02115\*\*USA  
JOURNAL: Biochemistry 37 (6):p1585-1595 Feb. 10, 1998  
ISSN: 0006-2960  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

5/3/21 (Item 6 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

10833210 BIOSIS NO.: 199799454355  
Effect of solid substrate, liquid supplement, and harvest time on  
6-n-pentyl-2H-pyran-2-one (6PAP) production by *Trichoderma* spp.  
AUTHOR: Cooney J M(a); Lauren D R; Jensen D J; Perry-Meyer L J  
AUTHOR ADDRESS: (a)HortResearch, Ruakura Research Centre, Private Bag 3123,  
Hamilton\*\*New Zealand  
JOURNAL: Journal of Agricultural and Food Chemistry 45 (2):p531-534 1997  
ISSN: 0021-8561  
RECORD TYPE: Abstract  
LANGUAGE: English

5/3/22 (Item 7 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

08935399 BIOSIS NO.: 199396086900  
An erythromycin analog produced by reprogramming of \*polyketide\* synthesis.  
AUTHOR: Donadio Stefano(a); McAlpine James B; Sheldon Paul J; Jackson  
Marianna; Katz Leonard  
AUTHOR ADDRESS: (a)Lepetit Res. Cent., via R. Lepetit 34, 21040 Gerenzano\*\*  
Italy  
JOURNAL: Proceedings of the National Academy of Sciences of the United  
States of America 90 (15):p7119-7123 1993  
ISSN: 0027-8424  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

5/3/23 (Item 8 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

08881393 BIOSIS NO.: 199396032894  
Effects of environmental and nutritional factors on production of the  
\*polyketide\* phytotoxin coronatine by *Pseudomonas syringae* pv. *glycinea*.  
AUTHOR: Palmer David A; Bender Carol L(a)  
AUTHOR ADDRESS: (a)Dep. Plant Pathol., Okla. State Univ., Stillwater, OK  
74078-9974\*\*USA  
JOURNAL: Applied and Environmental Microbiology 59 (5):p1619-1626 1993  
ISSN: 0099-2240  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

5/3/24 (Item 9 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

07927550 BIOSIS NO.: 000093015948  
PLASMID EFFECTS ON SECONDARY METABOLITE PRODUCTION BY A STREPTOMYCETE  
SYNTHESIZING AN ANTHELMINTIC MACROLIDE  
AUTHOR: THOMAS D I; COVE J H; BAUMBERG S; JONES C A; RUDD B A M  
AUTHOR ADDRESS: DEP. MICROBIOL., UNIV. LEEDS, LEEDS LS2 9JT.  
JOURNAL: J GEN MICROBIOL 137 (10). 1991. 2331-2338. 1991  
FULL JOURNAL NAME: Journal of General Microbiology  
CODEN: JGMIA  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

5/3/25 (Item 10 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

07639294 BIOSIS NO.: 000092009238  
BIOSYNTHESIS OF PIGMENTS VIA THE \*POLYKETIDE\* PATHWAY AS A WAY TO REGULATE  
THE OXIDATIVE METABOLISM OF STREPTOMYCES CULTURES PRODUCING THESE  
PIGMENTS  
AUTHOR: TRUTKO S M; AKIMENKO V K  
AUTHOR ADDRESS: INST. BIOCHEM. PHYSIOL. MICROORG., ACAD. SCI. USSR,  
PUSHCHINO, USSR.  
JOURNAL: MIKROBIOLOGIYA 59 (6). 1990. 942-947. 1990  
FULL JOURNAL NAME: Mikrobiologiya  
CODEN: MIKBA  
RECORD TYPE: Abstract  
LANGUAGE: RUSSIAN

5/3/26 (Item 11 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

07497971 BIOSIS NO.: 000091071840  
AMBRUTICIN S PRODUCTION IN AIR-LIFT AND STIRRED-TANK BIOREACTORS  
AUTHOR: HOPF N W; YONSEL S; DECKWER W-D  
AUTHOR ADDRESS: BIOCHEM. ENG. DIV., GBF-NATL. RES. INST. BIOTECHNOL.,  
MASCHERODER WEG 1, 3300 BRAUNSCHWEIG, WEST GERMANY.  
JOURNAL: APPL MICROBIOL BIOTECHNOL 34 (3). 1990. 350-353. 1990  
FULL JOURNAL NAME: Applied Microbiology and Biotechnology  
CODEN: AMBID  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

5/3/27 (Item 12 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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07011629 BIOSIS NO.: 000089103512  
EFFECTS OF METALS ON STREPTOMYCES-COELICOLOR GROWTH AND ACTINORHODIN  
PRODUCTION  
AUTHOR: ABBAS A S; EDWARDS C  
AUTHOR ADDRESS: DEP. GENET. MICROBIOL., LIFE SCI. BUILD., UNIV. LIVERPOOL,  
CROWN ST., LIVERPOOL L69 3BX, UK.  
JOURNAL: APPL ENVIRON MICROBIOL 56 (3). 1990. 675-680. 1990  
FULL JOURNAL NAME: Applied and Environmental Microbiology  
CODEN: AEMID  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

5/3/28 (Item 13 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

06774597 BIOSIS NO.: 000088084031  
THE EFFECTS OF TEMPERATURE ON GROWTH AND PRODUCTION OF THE ANTIBIOTIC  
GRANATICIN BY A THERMOTOLERANT STREPTOMYCETE  
AUTHOR: JAMES P D A; EDWARDS C  
AUTHOR ADDRESS: DEP. GENETICS AND MICROBIOL., LIFE SCI. BUILDING, UNIV.,  
LIVERPOOL L69 3BX, UK.  
JOURNAL: J GEN MICROBIOL 135 (7). 1989. 1997-2004. 1989  
FULL JOURNAL NAME: Journal of General Microbiology  
CODEN: JGMIA  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

5/3/29 (Item 14 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

06277011 BIOSIS NO.: 000086111194  
BIOMIMETIC SYNTHESSES OF PRETETRAMIDES 1. SYNTHESIS OF PRETETRAMIDE BY  
TANDEM EXTENSION OF A \*POLYKETIDE\* CHAIN  
AUTHOR: GILBREATH S G; HARRIS C M; HARRIS T M  
AUTHOR ADDRESS: DEP. CHEM., VANDERBILT UNIV., NASHVILLE, TENN. 37235.  
JOURNAL: J AM CHEM SOC 110 (18). 1988. 6172-6179. 1988  
FULL JOURNAL NAME: Journal of the American Chemical Society  
CODEN: JACSA  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

5/3/30 (Item 15 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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04599285 BIOSIS NO.: 000079012322  
THE REGULATORY EFFECT OF NITRATE ON THE RELATIONSHIP BETWEEN THE PRODUCTION

OF RIFAMYCIN SV AND THE BIOSYNTHESIS OF CELLULAR LIPID COMPONENTS  
AUTHOR: GU W; LU X; GENG Y; LIU C; JIN Z; JIAO R  
AUTHOR ADDRESS: SHANGHAI INSTITUTE PLANT PHYSIOL., ACADEMIA SINICA,  
SHANGHAI.

JOURNAL: ACTA MICROBIOL SIN 23 (4). 1983 (RECD. 1984). 313-318. 1983  
FULL JOURNAL NAME: Acta Microbiologica Sinica  
CODEN: WSHPA  
RECORD TYPE: Abstract  
LANGUAGE: CHINESE

5/3/31 (Item 16 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

02404056 BIOSIS NO.: 000065061099  
NEW METABOLITES FROM THE BROWN ALGA CYSTOPHORA-TORULOSA  
AUTHOR: GREGSON R P; KAZLAUSKAS R; MURPHY P T; WELLS R J  
AUTHOR ADDRESS: ROCHE RES. INST. MAR. PHARMACOL., P.O. BOX 255, DEE WHY,  
N.S.W. 2099, AUST.  
JOURNAL: AUST J CHEM 30 (11). 1977 2527-2532. 1977  
FULL JOURNAL NAME: Australian Journal of Chemistry  
CODEN: AJCHA  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

5/3/32 (Item 1 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)  
(c) format only 2000 Dialog Corporation. All rts. reserv.

09872415 99185232  
The role of metabolic engineering in the production of secondary  
metabolites.  
Nielsen J  
Center for Process, Biotechnology Department of Biotechnology, Technical  
University of Denmark, DK-2800 Lyngby, Denmark. jn@ibt.dtu.dk  
Current opinion in microbiology (ENGLAND) Jun 1998, 1 (3) p330-6,  
ISSN 1369-5274 Journal Code: DAY  
Languages: ENGLISH  
Document type: JOURNAL ARTICLE; REVIEW; REVIEW, TUTORIAL

5/3/33 (Item 2 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)  
(c) format only 2000 Dialog Corporation. All rts. reserv.

08965029 97143501  
Engineering antibiotic producers to overcome the limitations of classical  
strain improvement programs.  
Lal R; Khanna R; Kaur H; Khanna M; Dhingra N; Lal S; Gartemann KH;  
Eichenlaub R; Ghosh PK  
Department of Zoology, University of Delhi, India.  
Critical reviews in microbiology (UNITED STATES) 1996, 22 (4) p201-55,  
ISSN 1040-841X Journal Code: AFN  
Languages: ENGLISH  
Document type: JOURNAL ARTICLE; REVIEW; REVIEW, TUTORIAL

5/3/34 (Item 3 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)  
(c) format only 2000 Dialog Corporation. All rts. reserv.

08597989 98044640  
Engineered biosynthesis of novel polyketides: evidence for temporal, but  
not regiospecific, control of cyclization of an aromatic \*polyketide\*  
precursor.  
Fu H; Hopwood DA; Khosla C  
Department of Chemical Engineering, Stanford University, CA 94305-5025,  
USA.  
Chemistry & biology (ENGLAND) Dec 1994, 1 (4) p205-10, ISSN 1074-5521

Journal Code: CNA  
Languages: ENGLISH  
Document type: JOURNAL ARTICLE

5/3/35 (Item 4 from file: 155)  
DIALOG(R)File 155: MEDLINE(R)  
(c) format only 2000 Dialog Corporation. All rts. reserv.  
  
08548222 96016078  
Analysis of a mycotoxin gene cluster in *Aspergillus nidulans*.  
Keller NP; Adams TH  
Department of Plant Pathology and Microbiology, Texas A&M University,  
College Station 77843, USA.  
SAAS bulletin, biochemistry and biotechnology (UNITED STATES) 1995, 8  
p14-21, ISSN 1052-6781 Journal Code: ALK  
Languages: ENGLISH  
Document type: JOURNAL ARTICLE; REVIEW; REVIEW, TUTORIAL

5/3/36 (Item 5 from file: 155)  
DIALOG(R)File 155: MEDLINE(R)  
(c) format only 2000 Dialog Corporation. All rts. reserv.  
  
06050536 87144590  
Homology between *Streptomyces* genes coding for synthesis of different  
polyketides used to clone antibiotic biosynthetic genes.  
Malpartida F; Hallam SE; Kieser HM; Motamedi H; Hutchinson CR; Butler MJ;  
Sugden DA; Warren M; McKillop C; Bailey CR; et al  
Nature (ENGLAND) Feb 26-Mar 4 1987, 325 (6107) p818-21, ISSN  
0028-0836 Journal Code: NSC  
Contract/Grant No.: CA35381, CA, NCI  
Languages: ENGLISH  
Document type: JOURNAL ARTICLE

5/3/37 (Item 1 from file: 434)  
DIALOG(R)File 434: SciSearch(R) Cited Ref Sci  
(c) 1998 Inst for Sci Info. All rts. reserv.  
  
09364477 Genuine Article#: T6744 No. References: 78  
Title: SYNTHESIS OF PHEROMONES, .4. CHEMISTRY OF THE WITTIG REACTION, .1.  
EFFECTS OF REACTION CONDITIONS ON THE STEREOSELECTIVITY AND \*YIELD\* OF  
THE WITTIG REACTION  
Author(s): VINCZER P; JUVANCS Z; NOVAK L; SZANTAY C  
Corporate Source: HUNGARIAN ACAD SCI,CENT RES INST CHEM,POB 17/H-1521  
BUDAPEST//HUNGARY//; TECH UNIV BUDAPEST,INST ORGAN CHEM/H-1521  
BUDAPEST//HUNGARY//  
Journal: ACTA CHIMICA HUNGARICA, 1988, V125, N6, P797-820  
Language: ENGLISH Document Type: ARTICLE

5/3/38 (Item 2 from file: 434)  
DIALOG(R)File 434: SciSearch(R) Cited Ref Sci  
(c) 1998 Inst for Sci Info. All rts. reserv.  
  
08606089 Genuine Article#: M0613 No. References: 43  
Title: HIGH-\*YIELD\* SYNTHESIS OF 20-MEMBERED, 24-MEMBERED, AND 28-MEMBERED  
MACROPENTOLIDE, MACROHEXOLIDE, AND MACROHEPTOLIDE, RESPECTIVELY, FROM  
(R)-3-HYDROXYBUTANOIC OR (S)-3-HYDROXYBUTANOIC ACID UNDER YAMAGUCHI  
MACROLACTONIZATION CONDITIONS  
Author(s): SEEBACH D; BRANDLI U; SCHNURRENBERGER P; PRZYBYLSKI M  
Corporate Source: SWISS FED INST TECHNOL,ORGAN CHEM LAB,UNIV STR 16/CH-8092  
ZURICH//SWITZERLAND//; UNIV MAINZ,INST ORGAN CHEM/D-6500 MAINZ//FED REP  
GER/  
Journal: HELVETICA CHIMICA ACTA, 1988, V71, N1, P155-167  
Language: ENGLISH Document Type: ARTICLE  
?s s1 and lovastatin  
312143 S1  
5536 LOVASTATIN  
S6 23 S1 AND LOVASTATIN

?rd  
...completed examining records  
S7 17 RD (unique items)  
?t/3/all

7/3/1 (Item 1 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.

01594182 2000254031  
Repeated fed-batch process for improving \*lovastatin\* production  
Kumar M.S.; Jana S.K.; Senthil V.; Shashanka V.; Kumar S.V.; Sadhukhan A.K.  
ADDRESS: M.S. Kumar, Fermentation Laboratory, Biotechnology R and D, Dr  
Reddy's Research Foundation, Bollaram Road, Miyapur, Hyderabad 500  
050, India  
EMAIL: mskdrff@yahoo.com  
Journal: Process Biochemistry, 36/4 (363-368), 2000, United Kingdom  
CODEN: PBCHE  
ISSN: 0032-9592  
PUBLISHER ITEM IDENTIFIER: S0032959200002223  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English  
NO. OF REFERENCES: 15

7/3/2 (Item 2 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.

00934897 1998179671  
Production and purification of statins from *Aspergillus terreus* stains  
Manzoni M.; Rollini M.; Bergomi S.; Cavazzoni V.  
ADDRESS: M. Manzoni, Dip. di Sci.Tecno. Alimentari Micro., Sezione di  
Microbiologia Industriale, Universita degli Studi, via G. Celoria  
2, 20133 Milano, Italy  
EMAIL: matilde.manzoni@unimi.it  
Journal: Biotechnology Techniques, 12/7 (529-532), 1998, United Kingdom  
CODEN: BTECE  
ISSN: 0951-208X  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English  
NO. OF REFERENCES: 7

7/3/3 (Item 3 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
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00852521 1998091281  
Production of \*lovastatin\* by a wild strain of *Aspergillus terreus*  
Szakacs G.; Morovjan G.; Tengerdy R.P.  
ADDRESS: G. Szakacs, Dept. Agricultural Chemical Technol., Technical  
University of Budapest, Gellert ter 4, Budapest 1521, Hungary  
EMAIL: szakacs.mkt@chem.bme.hu  
Journal: Biotechnology Letters, 20/4 (411-415), 1998, United Kingdom  
PUBLICATION DATE: 19980000  
CODEN: BILED  
ISSN: 0141-5492  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English  
NO. OF REFERENCES: 14

7/3/4 (Item 4 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
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00737356 97241968  
Increased \*lovastatin\* formation by *Aspergillus terreus* using repeated  
fed-batch process  
Novak N.; Gerdin S.; Berovic M.

ADDRESS: M. Berovic, National Institute of Chemistry, Hajdrihova 19,  
SI-1001 Ljubljana, Slovenia  
Journal: Biotechnology Letters, 19/10 (947-948), 1997, United Kingdom  
PUBLICATION DATE: 19970000  
CODEN: BILED  
ISSN: 0141-5492  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English  
NO. OF REFERENCES: 4

7/3/5 (Item 5 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.  
  
00010330 94032055  
Differences in radiation-induced micronuclei yields of human cells:  
Influence of ras gene expression and protein localization  
Miller A.C.; Gafner J.; Clark E.P.; Samid D.  
ADDRESS: A.C. Miller, Radiation Biochemistry Department, Armed Forces  
Radiobiology, Research Institute, Bethesda, MD 20889-5145, United  
States  
Journal: International Journal of Radiation Biology, 64/5 (547-554), 1993,  
United Kingdom  
PUBLICATION DATE: 19930000  
CODEN: IJRB  
ISSN: 0955-3002  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English

7/3/6 (Item 1 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.  
  
12187369 BIOSIS NO.: 199900482218  
Production of \*lovastatin\* with solid state fermentation of *Monascus ruber*.  
AUTHOR: Wang Lixin(a); Mo Haitao(a); Shi Hong(a)  
AUTHOR ADDRESS: (a)State Key Laboratory of Biochemical Engineering,  
Institute of Chemical Metallurgy, Chinese Academy of Sciences, Beijing,  
100080\*\*China  
JOURNAL: Zhongguo Kangshengsu Zazhi 24 (2):p96-98;115 1999  
ISSN: 1001-8689  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: Chinese; Non-English  
SUMMARY LANGUAGE: Chinese; English

7/3/7 (Item 2 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.  
  
11608646 BIOSIS NO.: 199800390401  
Production and purification of statins from *Aspergillus terreus* strains.  
AUTHOR: Manzoni Matilde(a); Rollini Manuela; Bergomi Silvia; Cavazzoni  
Valeria  
AUTHOR ADDRESS: (a)Dip. Sci. Tecnol. Alimentari Microbiologiche, Sez.  
Microbiologia Industriale, Univ. Studi, via G\*\*Italy  
JOURNAL: Biotechnology Techniques 12 (7):p529-532 July, 1998  
ISSN: 0951-208X  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

7/3/8 (Item 3 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

09071184 BIOSIS NO.: 199497079554

Biotransformation of \*lovastatin\*: V. Species differences in in vivo metabolite profiles of mouse, rat, dog, and human.  
AUTHOR: Halpin Rita A(a); Ulm Edgar H; Till Alice E; Kari Prasad H; Vyas Kamlesh P; Hunninghake Donald B; Duggan Daniel E  
AUTHOR ADDRESS: (a)Dep. Drug Metabolism, WP26A-2044, Merck Res. Lab., West Point, PA 19486\*\*USA  
JOURNAL: Drug Metabolism and Disposition 21 (6):p1003-1011 1993  
ISSN: 0090-9556  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

7/3/9 (Item 4 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

08850731 BIOSIS NO.: 199396002232  
Depleting cell cholesterol alters calcium-induced assembly of tight junctions by monolayers of MDCK cells.  
AUTHOR: Lynch Robert D; Tkachuk Laura J; Ji Xiaorong; Rabito Carlos A; Schneeberger Eveline E(a)  
AUTHOR ADDRESS: (a)Dep. Pathol., Cox Build. 5, Mass. General Hosp., Boston, MA 92114\*\*USA  
JOURNAL: European Journal of Cell Biology 60 (1):p21-30 1993  
ISSN: 0171-9335  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

7/3/10 (Item 5 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

08374112 BIOSIS NO.: 000094104616  
REPRODUCIBILITY OF NONINVASIVE ULTRASONIC MEASUREMENT OF CAROTID ATHEROSCLEROSIS THE ASYMPTOMATIC CAROTID ARTERY PLAQUE STUDY  
AUTHOR: RILEY W A; BARNES R W; APPLEGATE W B; DEMPSEY R; HARTWELL T; DAVIS V G; BOND M G; FURBERG C D  
AUTHOR ADDRESS: DEP. NEUROL., BOWMAN GRAY SCH. MED., MEDICAL CENTER BOULEVARD, WINSTON-SALEM, N.C. 27157-1078.  
JOURNAL: STROKE 23 (8). 1992. 1062-1068. 1992  
FULL JOURNAL NAME: Stroke  
CODEN: SJCCA  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

7/3/11 (Item 6 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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08287992 BIOSIS NO.: 000094059290  
CAN REGRESSION OF CORONARY ARTERIOSCLEROSIS BE ACHIEVED BY TREATING FAT METABOLISM DISORDERS? FIRST CLINICAL FINDINGS AND METHODICAL PROBLEMS  
AUTHOR: VON ESEN R  
AUTHOR ADDRESS: STIFTSKLINIK AUGUSTINUM, FACHKLINIK INNERE MED., WOLKERWEG 16, W-8000 MUENCHEN 70, GER.  
JOURNAL: INTERNIST 33 (1). 1992. 62-66. 1992  
FULL JOURNAL NAME: Internist  
CODEN: INTEA  
RECORD TYPE: Abstract  
LANGUAGE: GERMAN

7/3/12 (Item 7 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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07886361 BIOSIS NO.: 000092135164

SUBSTRATE AND INHIBITOR SPECIFICITY OF 3 HYDROXY-3-METHYLGLUTARYL-COENZYME A REDUCTASE DETERMINED WITH SUBSTRATE-ANALOGUE COENZYME A-THIOESTERS AND COENZYME A THIOETHERS  
AUTHOR: HUPPERICH M; THOMER A; KRATZ K; EGGERER H  
AUTHOR ADDRESS: INST. PHYSIOL. CHEM., TECHNISCHEN UNIV. MUENCHEN,  
BIEDERSTEINER STRASSE 29, W-8000 MUENCHEN 40, GERMANY.  
JOURNAL: BIOL CHEM HOPPE-SEYLER 372 (9). 1991. 857-864. 1991  
FULL JOURNAL NAME: Biological Chemistry Hoppe-Seyler  
CODEN: BCHSE  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

7/3/13 (Item 8 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

07799034 BIOSIS NO.: 000092091605  
SYNTHESIS OF SYNVINOLIN EXTREMELY HIGH CONVERSION ALKYLATION OF AN ESTER ENOLATE  
AUTHOR: ASKIN D; VERHOEVEN T R; LIU T M-H; SHINKAI I  
AUTHOR ADDRESS: DEP. PROCESS RES., MERCK SHARP DOHME RES. LAB., P.O. BOX 2000, RAHWAY, N.J. 07065.  
JOURNAL: J ORG CHEM 56 (16). 1991. 4929-4932. 1991  
FULL JOURNAL NAME: Journal of Organic Chemistry  
CODEN: JOCEA  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

7/3/14 (Item 1 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)  
(c) format only 2000 Dialog Corporation. All rts. reserv.

10253955 20069093  
Expression and characterization of the HMG-CoA reductase of the thermophilic archaeon *Sulfolobus solfataricus*.  
Kim DY; Bochar DA; Stauffacher CV; Rodwell VW  
Department of Biochemistry, Purdue University, West Lafayette, Indiana 47907, USA.  
Protein expression and purification (UNITED STATES) Dec 1999, 17 (3) p435-42, ISSN 1046-5928 Journal Code: BJV  
Contract/Grant No.: HL 47113, HL, NHLBI; HL 52115, HL, NHLBI  
Languages: ENGLISH  
Document type: JOURNAL ARTICLE

7/3/15 (Item 2 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)  
(c) format only 2000 Dialog Corporation. All rts. reserv.

09020713 97177332  
Primary prevention of cardiovascular disease: implications of lipid-lowering trials.  
Pedersen TR  
Cardiology Department, Aker Hospital, Oslo, Norway.  
Journal of hypertension (ENGLAND) Dec 1996, 14 (5) pS195-200, ISSN 0952-1178 Journal Code: JHI  
Languages: ENGLISH  
Document type: JOURNAL ARTICLE; REVIEW; REVIEW, TUTORIAL

7/3/16 (Item 3 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)  
(c) format only 2000 Dialog Corporation. All rts. reserv.

07348374 91028315  
A selected ion monitoring method for quantifying simvastatin and its acid form in human plasma, using the ferroceneboronate derivative.  
Takano T; Abe S; Hata S  
Drug Metabolism, Banyu Pharmaceutical Co. Ltd. Tokyo, Japan.

Biomedical & environmental mass spectrometry (ENGLAND) Sep 1990, 19  
(9) p577-81, ISSN 0887-6134 Journal Code: BIP  
Languages: ENGLISH  
Document type: JOURNAL ARTICLE

7/3/17 (Item 4 from file: 155)  
DIALOG(R)File 155: MEDLINE(R)  
(c) format only 2000 Dialog Corporation. All rts. reserv.  
  
06852364 92126242  
Substrate and inhibitor' specificity of 3-hydroxy-3-methylglutaryl-CoA  
reductase determined with substrate-analogue CoA-thioesters and  
CoA-thioethers.  
Hupperich M; Thomer A; Kratz K; Eggerer H  
Institut fur Physiologische Chemie der Technischen Universitat Munchen.  
Biological chemistry Hoppe-Seyler (GERMANY) Sep 1991, 372 (9) p857-63,  
ISSN 0177-3593 Journal Code: AHC  
Languages: ENGLISH  
Document type: JOURNAL ARTICLE  
?t/9/5

7/9/5 (Item 5 from file: 71)  
DIALOG(R)File 71: ELSEVIER BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.  
  
00010330 94032055  
Differences in radiation-induced micronuclei yields of human cells:  
Influence of ras gene expression and protein localization  
Miller A.C.; Gafner J.; Clark E.P.; Samid D.  
ADDRESS: A.C. Miller, Radiation Biochemistry Department, Armed Forces  
Radiobiology, Research Institute, Bethesda, MD 20889-5145, United  
States  
Journal: International Journal of Radiation Biology, 64/5 (547-554), 1993,  
United Kingdom  
PUBLICATION DATE: 19930000  
CODEN: IJRBA  
ISSN: 0955-3002  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English

Expression of ras has been correlated with increased intrinsic resistance to ionizing radiation. In this study we show that increased EJras expression in human cells is associated with a decrease in the frequency of radiation-induced micronuclei. The experimental system consisted of human osteosarcoma-derived cell lines which quantitatively vary in their EJras expression. There was a dose-dependent relationship between radiation dose and micronuclei formation in all cell lines tested. Human osteosarcoma cells, in which the ras level was undetectable, had the highest frequency of micronuclei production at all radiation doses tested. At 4 Gy the most radioresistant cells exhibited a 41.5 +/- 5% decrease in the production of micronuclei concomitant with high ras expression in comparison with the relatively radiosensitive parental cell line. Cells expressing a low amount of EJras demonstrated a 23 +/- 3% decrease in micronuclei induction compared with parental cells. Treatment of cells with \*lovastatin\*, an inhibitor of ras-encoded p21(ras) post-translational processing via the mevalonate pathway, markedly decreased the \*yield\* of micronuclei formation in cells transfected with ras; the drug had no effect on radiation-induced micronuclei formation in parental cells. The use of the *in vitro* micronuclei assay has provided a convenient way to visualize differences in the genotoxic damage induced by ionizing radiation in cells which express different amount of EJras. The results indicate that elevation of ras expression in human cells can lead to a decrease in the number of radiation-induced micronuclei formed and that this relationship is dependent on membrane association of ras-encoded p21.

CLASSIFICATION CODE AND DESCRIPTION:  
90.9.2.4 - TOXICOLOGY / TOXIC MECHANISMS AND RESPONSES / Carcinogenesis and  
Mutagenesis / Radiation and radionuclides  
84.1.7.5 - GENETICS AND MOLECULAR BIOLOGY / MOLECULAR GENETICS /  
Mutagenesis / Radiation

?s s1 and sterigmatocystin  
312143 S1  
1226 STERIGMATOCYSTIN  
S8 22 S1 AND STERIGMATOCYSTIN  
?rd  
...completed examining records  
S9 19 RD (unique items)  
?t/3/all

9/3/1 (Item 1 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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08165162 BIOSIS NO.: 000093140610  
OXIDATION OF AFLATOXINS AND \*STERIGMATOCYSTIN\* BY HUMAN LIVER MICROSOMES  
SIGNIFICANCE OF AFLATOXIN Q-1 AS A DETOXICATION PRODUCT OF AFLATOXIN B-1  
AUTHOR: RANEY K D; SHIMADA T; KIM D-H; GROOPMAN J D; HARRIS T M; GUENGERICH  
F P  
AUTHOR ADDRESS: DEP. BIOCHEMISTRY, CENT. MOLECULAR TOXICOLOGY, VANDERBILT  
UNIV., NASHVILLE, TENN. 37232.  
JOURNAL: CHEM RES TOXICOL 5 (2). 1992. 202-210. 1992  
FULL JOURNAL NAME: Chemical Research in Toxicology  
CODEN: CRTOE  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

9/3/2 (Item 2 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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05057188 BIOSIS NO.: 000081015312  
FORMATION AND PERSISTENCE OF \*STERIGMATOCYSTIN\* DNA ADDUCTS IN RAT LIVER  
DETERMINED VIA PHOSPHORUS-32 POSTLABELING ANALYSIS  
AUTHOR: REDDY M V; IRVIN T R; RANDERATH K  
AUTHOR ADDRESS: DEP. PHARMACOL., BAYLOR COLL. MED., HOUSTON, TEX. 77030.  
JOURNAL: MUTAT RES 152 (1). 1985. 85-96. 1985  
FULL JOURNAL NAME: Mutation Research  
CODEN: MUREA  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

9/3/3 (Item 3 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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04286165 BIOSIS NO.: 000078015707  
DISTRIBUTION OF \*STERIGMATOCYSTIN\* AND FUNGAL MYCELIUM IN INDIVIDUAL BROWN  
RICE KERNELS NATURALLY INFECTED BY ASPERGILLUS-VERSICOLOR  
AUTHOR: TAKAHASHI H; YASAKI H; NANAYAMA U; MANABE M; MATSUURA S  
AUTHOR ADDRESS: LAB. CHIBA PUBLIC HEALTH, 666-2-NITON-CHO, CHIBA 280, JPN.  
JOURNAL: CEREAL CHEM 61 (1). 1984. 48-52. 1984  
FULL JOURNAL NAME: Cereal Chemistry  
CODEN: CECHA  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

9/3/4 (Item 4 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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03863133 BIOSIS NO.: 000075041206  
CHEMICALLY DEFINED MEDIUM FOR HIGH YIELDS OF \*STERIGMATOCYSTIN\*  
AUTHOR: HITOKOTO H; MOROZUMI S; WAUKE T; SAKAI S; YOSHIKAWA S  
AUTHOR ADDRESS: DEP. MICROBIOL., TOKYO METROPOLITAN RESEARCH LAB. PUBLIC  
HEALTH, 3-CHOME, HYAKUNIN-CHO, SHINJUKU-KU, TOKYO, 160-JAPAN.  
JOURNAL: MYCOPATHOLOGIA 78 (2). 1982. 99-106. 1982  
FULL JOURNAL NAME: Mycopathologia  
CODEN: MYCPA

RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

9/3/5 (Item 5 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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03264474 BIOSIS NO.: 000071077585  
FORMATION AND DISTRIBUTION OF \*STERIGMATOCYSTIN\* IN CHEESE AFTER  
INOCULATION WITH ASPERGILLUS-VERSICOLOR AND ASPERGILLUS-NIDULANS  
AUTHOR: ENGEL G; TEUBER M  
AUTHOR ADDRESS: INST. MIKROBIOLOGIE, BUNDESANSTALT FUR MILCHFORSCHUNG,  
KIEL.  
JOURNAL: MILCHWISSENSCHAFT 35 (12). 1980 (RECD. 1981). 721-724. 1980  
FULL JOURNAL NAME: Milchwissenschaft  
CODEN: MILCA  
RECORD TYPE: Abstract  
LANGUAGE: GERMAN

9/3/6 (Item 6 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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03042806 BIOSIS NO.: 000070068424  
THE POSSIBLE PRESENCE OF \*STERIGMATOCYSTIN\* IN MILK AND ITS BEHAVIOR IN  
CHEESE  
AUTHOR: KIERMEIER F; KRAUS P-V  
AUTHOR ADDRESS: TECH. UNIV. MUENCH., D-8050 FREISING-WEIHENSTEPHAN, W. GER.  
JOURNAL: Z LEBENSM-UNTERS -FORSCH 170 (6). 1980. 421-424. 1980  
FULL JOURNAL NAME: Zeitschrift fuer Lebensmittel-Untersuchung und  
-Forschung  
CODEN: ZLUF  
RECORD TYPE: Abstract  
LANGUAGE: GERMAN

9/3/7 (Item 7 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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03036916 BIOSIS NO.: 000070062534  
CHAETOMIUM-UDAGAWAE NEW-SPECIES A NEW PRODUCER OF \*STERIGMATOCYSTIN\*  
AUTHOR: UDAGAWA S-I; MUROI T; KURATA H; SEKITA S; YOSHIHIRA K; NATORI S  
AUTHOR ADDRESS: NATL. INST. HYG. SCI., KAMIYOGA 1-CHOME, SETAGAYA, TOKYO  
158, JPN.  
JOURNAL: TRANS MYCOL SOC JPN 20 (4). 1979 (RECD. 1980. 475-480. 1979  
FULL JOURNAL NAME: Transactions of the Mycological Society of Japan  
CODEN: NGKKA  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

9/3/8 (Item 8 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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02747137 BIOSIS NO.: 000068057739  
CHROMATOGRAPHIC METHOD OF A SIMULTANEOUS SEMI QUANTITATIVE MEASUREMENT OF 8  
MYCO TOXINS IN GRAIN  
AUTHOR: L'VOVA L S; KRAVCHENKO L V; SHUL'GINA A P  
AUTHOR ADDRESS: ALL-UNION RES. INST. GRAIN, GRAIN PROD., MOSCOW, USSR.  
JOURNAL: PRIKL BIOKhim MIKROBIOL 15 (1). 1979. 143-149. 1979  
FULL JOURNAL NAME: Prikladnaya Biokhimiya i Mikrobiologiya  
CODEN: PBMIA  
RECORD TYPE: Abstract  
LANGUAGE: RUSSIAN

9/3/9 (Item 9 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)  
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02699649 BIOSIS NO.: 000068010235  
\*STERIGMATOCYSTIN\* DNA INTERACTIONS IDENTIFICATION OF A MAJOR ADDUCT FORMED  
AFTER METABOLIC ACTIVATION IN-VITRO  
AUTHOR: ESSIGMANN J M; BARKER L J; FOWLER K W; FRANCISCO M A; REINHOLD V N;  
WOGAN G N  
AUTHOR ADDRESS: DEP. NUTR. FOOD SCI., MASS. INST. TECHNOL., CAMBRIDGE,  
MASS. 02139, USA.  
JOURNAL: PROC NATL ACAD SCI U S A 76 (1). 1979. 179-183. 1979  
FULL JOURNAL NAME: Proceedings of the National Academy of Sciences of the  
United States of America  
CODEN: PNASA  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

9/3/10 (Item 10 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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01948086 BIOSIS NO.: 000062038185  
ENZYMATIC CONVERSION OF \*STERIGMATOCYSTIN\* INTO AFLA TOXIN B-1 BY CELL-FREE  
EXTRACTS OF ASPERGILLUS-PARASITICUS ATCC-15517  
AUTHOR: SINGH R; HSIEH D P H  
JOURNAL: APPL ENVIRON MICROBIOL 31 (5). 1976 743-745. 1976  
FULL JOURNAL NAME: Applied and Environmental Microbiology  
CODEN: AEMID  
RECORD TYPE: Abstract

9/3/11 (Item 11 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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01695025 BIOSIS NO.: 000060025082  
PRODUCTION OF \*STERIGMATOCYSTIN\*  
AUTHOR: STEYN M; RABIE C J  
JOURNAL: J ASSOC OFF ANAL CHEM 58 (3). 1975 622-623. 1975  
FULL JOURNAL NAME: Journal of the Association of Official Analytical  
Chemists  
CODEN: JANCA  
RECORD TYPE: Citation

9/3/12 (Item 1 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)  
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08548222 96016078  
Analysis of a mycotoxin gene cluster in *Aspergillus nidulans*.  
Keller NP; Adams TH  
Department of Plant Pathology and Microbiology, Texas A&M University,  
College Station 77843, USA.  
SAAS bulletin, biochemistry and biotechnology (UNITED STATES) 1995, 8  
p14-21, ISSN 1052-6781 Journal Code: ALK  
Languages: ENGLISH  
Document type: JOURNAL ARTICLE; REVIEW; REVIEW, TUTORIAL

9/3/13 (Item 2 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)  
(c) format only 2000 Dialog Corporation. All rts. reserv.

07085891 92353348  
Oxidation of aflatoxins and \*sterigmatocystin\* by human liver microsomes:  
significance of aflatoxin Q1 as a detoxication product of aflatoxin B1.  
Raney KD; Shimada T; Kim DH; Groopman JD; Harris TM; Guengerich FP  
Department of Chemistry, Vanderbilt University School of Medicine,  
Nashville, Tennessee 37232.

Chemical research in toxicology (UNITED STATES) Mar-Apr 1992, 5 (2)  
p202-10, ISSN 0893-228X Journal Code: A5X  
Contract/Grant No.: CA 44353, CA, NCI; ES 00267, ES, NIEHS; ES 03755, ES,  
NIEHS; +  
Languages: ENGLISH  
Document type: JOURNAL ARTICLE

9/3/14 (Item 3 from file: 155)  
DIALOG(R)File 155: MEDLINE(R)  
(c) format only 2000 Dialog Corporation. All rts. reserv.

05534383 21097358  
Molecular systematics of *Plethodon* and *Aneides* (Caudata: Plethodontidae: Plethodontini): phylogenetic analysis of an old and rapid radiation.  
Mahoney MJ  
Museum of Vertebrate Zoology, Department of Integrative Biology, University of California, 3101 Valley Life Sciences Building, Berkeley, CA 94720-3160, USA. mahoney@amnh.org  
Molecular phylogenetics and evolution (United States) Feb 2001, 18 (2) p174-88, ISSN 1055-7903 Journal Code: BYP  
Languages: ENGLISH  
Document type: Journal Article

9/3/15 (Item 4 from file: 155)  
DIALOG(R)File 155: MEDLINE(R)  
(c) format only 2000 Dialog Corporation. All rts. reserv.

04737111 86014150  
Formation and persistence of \*sterigmatocystin\*--DNA adducts in rat liver determined via 32P-postlabeling analysis.  
Reddy MV; Irvin TR; Randerath K  
Mutation research (NETHERLANDS) Oct 1985, 152 (1) p85-96, ISSN 0027-5107 Journal Code: NNA  
Contract/Grant No.: CA 32157, CA, NCI; CA 10893, CA, NCI  
Languages: ENGLISH  
Document type: JOURNAL ARTICLE

9/3/16 (Item 5 from file: 155)  
DIALOG(R)File 155: MEDLINE(R)  
(c) format only 2000 Dialog Corporation. All rts. reserv.

03123403 95023725  
[A chromatographic method of simultaneous semi-quantitative analysis of eight mycotoxins in grain]  
Khromatograficheskii metod odnovremennogo polukolichestvennogo opredeleniya 8 mikotoksinov v zerne.  
L'vova LS; Kravchenko LV; Shul'gina AP  
Prikladnaya biokhimia i mikrobiologiya (RUSSIA) Jan-Feb 1979, 15 (1) p143-9, ISSN 0555-1099 Journal Code: PM5  
Languages: RUSSIAN Summary Languages: ENGLISH  
Document type: JOURNAL ARTICLE ; English Abstract

9/3/17 (Item 6 from file: 155)  
DIALOG(R)File 155: MEDLINE(R)  
(c) format only 2000 Dialog Corporation. All rts. reserv.

03046613 76204524  
Enzymatic conversion of \*sterigmatocystin\* into aflatoxin B1 by cell-free extracts of *Aspergillus parasiticus*.  
Singh R; Hsieh DP  
Applied and environmental microbiology (UNITED STATES) May 1976, 31 (5) p743-5, Journal Code: 6K6  
Languages: ENGLISH  
Document type: JOURNAL ARTICLE

9/3/18 (Item 7 from file: 155)

DIALOG(R)File 155:MEDLINE(R)  
(c) format only 2000 Dialog Corporation. All rts. reserv.

02480332 78185376  
[Bioproduction of sterigmatocystine by Aspergillus versicolor (Vuill.)  
tiraboschi in dry fodder]  
Bioproduction de sterigmatocystine par l'Aspergillus versicolor (Vuill.)  
tiraboschi dans les fourrages secs.  
Le Bars J  
Annales de la nutrition et de l'alimentation (FRANCE) 1977, 31 (4-6)  
p575-81, ISSN 0003-4037 Journal Code: 5N0  
Languages: FRENCH Summary Languages: ENGLISH  
Document type: JOURNAL ARTICLE ; English Abstract

9/3/19 (Item 8 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)  
(c) format only 2000 Dialog Corporation. All rts. reserv.

01997761 75079420  
Preparation of 14C-labeled \*sterigmatocystin\* in liquid media.  
Hsieh DP; Yang SL  
Applied microbiology (UNITED STATES) Jan 1975, 29 (1) p17-20, ISSN  
0003-6919 Journal Code: 6K0  
Languages: ENGLISH  
Document type: JOURNAL ARTICLE  
?s s1 and aflatoxin?  
312143 S1  
16 AFLATOXIN?  
S10 1 S1 AND AFLATOXIN?  
?s s1 and aflatoxin?  
312143 S1  
19327 AFLATOXIN?  
S11 235 S1 AND AFLATOXIN?  
?rd  
...examined 50 records (50)  
...examined 50 records (100)  
...examined 50 records (150)  
...examined 50 records (200)  
...completed examining records  
S12 182 RD (unique items)  
?t/3/1-50

12/3/1 (Item 1 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.

01413837 2000083510  
Kinetics of glutathione conjugation of \*aflatoxin\* epoxide and formation of  
three mutagenic DNA-glutathione ethylene dibromide adducts  
Guengerich F.P.; Kim M.-S.; Johnson W.W.  
ADDRESS: F.P. Guengerich, Department of Biochemistry, Vanderbilt  
University, School of Medicine, Nashville, TN 37232-0146, United  
States  
EMAIL: guengerich@toxicology.mc.vanderbilt.edu  
Journal: Clinical Chemistry and Enzymology Communications, 8/4-6 (393-401)  
, 1999, United Kingdom  
CODEN: CCECE  
ISSN: 0892-2187  
DOCUMENT TYPE: Conference Paper  
LANGUAGES: English SUMMARY LANGUAGES: English  
NO. OF REFERENCES: 25

12/3/2 (Item 2 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.

01379829 2000055978  
Interactions between Fusarium verticillioides, Aspergillus flavus, and  
insect infestation in four maize genotypes in lowland Africa

Cardwell K.F.; Kling J.G.; Maziya-Dixon B.; Bosque-Perez N.A.  
ADDRESS: K.F. Cardwell, Intl. Inst. of Tropical Agriculture, PMB 5320 Oyo  
Rd, Ibadan, Nigeria  
EMAIL: k.cardwell@cgiar.org  
Journal: Phytopathology, 90/3 (276-284), 2000, United States  
CODEN: PHYNB  
ISSN: 0031-949X  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English  
NO. OF REFERENCES: 53

12/3/3 (Item 3 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.

01337353 2000014439  
Wheat seed colonized with atoxigenic *Aspergillus flavus*: Characterization  
and production of a biopesticide for \*aflatoxin\* control  
Bock C.H.; Cotty P.J.  
ADDRESS: P.J. Cotty, Southern Regional Research Center, Agricultural  
Research Service, United States Dept. of Agriculture, PO Box  
19687, New Orleans, LA 70179, United States  
EMAIL: pjcott@nola.srrc.usda.gov  
Journal: Biocontrol Science and Technology, 9/4 (529-543), 1999, United  
Kingdom  
CODEN: BSTCE  
ISSN: 0958-3157  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English  
NO. OF REFERENCES: 26

12/3/4 (Item 4 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.

00975684 1998222827  
Activation and detoxication of \*aflatoxin\* B1nf 1  
Guengerich F.P.; Johnson W.W.; Shimada T.; Ueng Y.-F.; Yamazaki H.;  
Langouet S.  
ADDRESS: F.P. Guengerich, Department of Biochemistry, Center in Molecular  
Toxicology, Vanderbilt Univ. School of Medicine, 23rd Avenue South  
and Pierce, Nashville, TN 37232-0146, United States  
EMAIL: guengerich@toxicology.mc.vanderbilt.edu  
Journal: Mutation Research - Fundamental and Molecular Mechanisms of  
Mutagenesis, 402/1-2 (121-128), 1998, Netherlands  
PUBLICATION DATE: June 18, 1998  
CODEN: MRFME  
ISSN: 0027-5107  
PUBLISHER ITEM IDENTIFIER: S0027510797002893  
DOCUMENT TYPE: Conference Paper  
LANGUAGES: English SUMMARY LANGUAGES: English  
NO. OF REFERENCES: 67

12/3/5 (Item 5 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.

00963643 1998212617  
Predicting peanut maturity with magnetic resonance  
Tollner E.W.; Boudolf V.; McClendon R.W.; Hung Y.-C.  
ADDRESS: E.W. Tollner, Biological/Agricultural Eng. Dept., University of  
Georgia, Athens, GA 30602, United States  
EMAIL: btollner@bae.uga.edu  
Journal: Transactions of the American Society of Agricultural Engineers,  
41/4 (1199-1205), 1998, United States  
CODEN: TAAEA  
ISSN: 0001-2351  
DOCUMENT TYPE: Article

LANGUAGES: English SUMMARY LANGUAGES: English  
NO. OF REFERENCES: 19

12/3/6 (Item 6 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.  
  
00756871 97264135  
Inhibition of hepatocellular carcinoma development in hepatitis B virus  
transfected mice by low dietary casein  
Cheng Z.; Hu J.; King J.; Jay G.; Campbell T.C.  
ADDRESS: Dr. T.C. Campbell, Division of Nutritional Sciences, Cornell  
University, Ithaca, NY 14853, United States  
Journal: Hepatology, 26/5 (1351-4354), 1997, United States  
PUBLICATION DATE: 19970000  
CODEN: HPTLD  
ISSN: 0270-9139  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English  
NO. OF REFERENCES: 32

12/3/7 (Item 7 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.  
  
00728682 97233462  
Synthesis and characterization of \*aflatoxin\* B1nf 1 mercapturic acids and  
their identification in rat urine  
Scholl P.F.; Musser S.M.; Groopman J.D.  
ADDRESS: J.D. Groopman, Dept. of Envtl. Health Sciences, School of Hygiene  
and Public Health, Johns Hopkins University, 615 North Wolfe  
Street, Baltimore, MD 21205, United States  
EMAIL: jgroopma@sph.jhu.edu  
Journal: Chemical Research in Toxicology, 10/10 (1144-1151), 1997, United  
States  
PUBLICATION DATE: 19970000  
CODEN: CRTOE  
ISSN: 0893-228X  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English  
NO. OF REFERENCES: 50

12/3/8 (Item 8 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
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00708967 97213311  
An intercalation inhibitor altering the target selectivity of DNA damaging  
agents: Synthesis of site-specific \*aflatoxin\* B1nf 1 adducts in a p53  
mutational hotspot  
Kobertz W.R.; Wang D.; Wogan G.N.; Essigmann J.M.  
ADDRESS: J.M. Essigmann, Department of Chemistry, Building 56-669,  
Massachusetts Inst. of Technology, Cambridge, MA 02139, United  
States  
EMAIL: jessig@mit.edu  
Journal: Proceedings of the National Academy of Sciences of the United  
States of America, 94/18 (9579-9584), 1997, United States  
PUBLICATION DATE: 19970000  
CODEN: PNASA  
ISSN: 0027-8424  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English  
NO. OF REFERENCES: 32

12/3/9 (Item 9 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.

00577098 97079922  
Conjugation of highly reactive \*aflatoxin\* B1nf 1 exo-8,9-epoxide catalyzed  
by rat and human glutathione transferases: Estimation of kinetic  
parameters  
Johnson W.W.; Ueng Y.-F.; Widersten M.; Mannervik B.; Hayes J.D.; Sherratt  
P.J.; Ketterer B.; Guengerich F.P.  
ADDRESS: F.P. Guengerich, Department of Biochemistry, Center in Molecular  
Toxicology, Vanderbilt Univ. School of Medicine, Nashville, TN  
37232-0146, United States  
Journal: Biochemistry, 36/11 (3056-3060), 1997, United States  
PUBLICATION DATE: 19970000  
CODEN: BICHA  
ISSN: 0006-2960  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English  
NO. OF REFERENCES: 32

12/3/10 (Item 10 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.

00462370 96156315  
Preparation and evaluation of an animal feed byproduct produced by  
solid-state fermentation of apple pomace  
Joshi V.K.; Sandhu D.K.  
ADDRESS: V.K. Joshi, Department of Postharvest Technology, Dr YS Parmar  
University, Horticulture and Forestry, Nauni-Solan (HP) 173230,  
India  
Journal: Bioresource Technology, 56/2-3 (251-255), 1996, United Kingdom  
PUBLICATION DATE: 19960000  
CODEN: BIRTE  
ISSN: 0960-8524  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English

12/3/11 (Item 11 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.

00256778 95050821  
Expression of cytochrome P450 3A5 in escherichia coli: Effects of 5'  
modification, purification, spectral characterization, reconstitution,  
conditions, and catalytic activities  
Gillam E.M.J.; Guo Z.; Ueng Y.-F.; Yamazaki H.; Cock I.; Reilly P.E.B.;  
Hooper W.D.; Guengerich F.P.  
ADDRESS: E.M.J. Gillam, Department Physiology/Pharmacology, University of  
Queensland, St. Lucia, Qld. 4072, Australia  
Journal: Archives of Biochemistry and Biophysics, 317/2 (374-384), 1995,  
United States  
PUBLICATION DATE: 19950000  
CODEN: ABBIA  
ISSN: 0003-9861  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English

12/3/12 (Item 12 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.

00009256 94015843  
Growth, sclerotia and \*aflatoxin\* production by Aspergillus parasiticus:  
Influence of food preservatives  
Chourasia H.K.  
ADDRESS: H.K. Chourasia, Plant Pathology Division,  
Centr.Inst.Medicinal/Aromatic Plants, Post Bag No. 1, Lucknow  
226016, India  
Journal: Letters in Applied Microbiology, 17/5 (204-207), 1993, United

Kingdom  
PUBLICATION DATE: 19930000  
CODEN: LAMIE  
ISSN: 0266-8254  
DOCUMENT TYPE: Article  
LANGUAGES: English      SUMMARY LANGUAGES: English

12/3/13      (Item 1 from file: 5)  
DIALOG(R)File    5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.  
  
12693345    BIOSIS NO.: 200000446847  
Ground arthropod attacks on groundnut *Arachis hypogaea* L in Burkina Faso.  
AUTHOR: Dicko I O(a); Troaore S; Traore D; Dao B(a)  
AUTHOR ADDRESS: (a)Universite de Ouagadougou, Ouagadougou\*\*Burkina-Faso  
JOURNAL: *Tropicultura* 16-17 (1):p43-46 Dec., 1998  
MEDIUM: print  
ISSN: 0771-3312  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: French; Non-English  
SUMMARY LANGUAGE: English; French

12/3/14      (Item 2 from file: 5)  
DIALOG(R)File    5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.  
  
12620655    BIOSIS NO.: 200000374157  
Effect of \*aflatoxin\* B1 contaminated rations on milk \*yield\* and  
\*aflatoxin\* M1 secretion in milk of Indian cows.  
AUTHOR: Choudhary P L(a); Sharma R S; Borkhatriya V N  
AUTHOR ADDRESS: (a)Dairy Chemistry, College of Dairy Technology, IGKV,  
Raipur, M.P.\*\*India  
JOURNAL: *Indian Journal of Animal Nutrition* 16 (4):p311-314 December, 1999  
MEDIUM: print  
ISSN: 0970-3209  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

12/3/15      (Item 3 from file: 5)  
DIALOG(R)File    5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.  
  
12562701    BIOSIS NO.: 200000316203  
Influence of flooding on spore \*yield\* of wheat seed colonized by an  
atoxicogenic *Aspergillus flavus*.  
AUTHOR: Kobbeman K E; Cotty P J  
AUTHOR ADDRESS: (a)Dept. of Plant Pathology, University of Arizona, Tucson,  
AZ, 85721\*\*USA  
JOURNAL: *Phytopathology* 90 (6 Supplement):pS43 June, 2000  
MEDIUM: print  
CONFERENCE/MEETING: Annual Meeting of the American Phytopathological  
Society New Orleans, Louisiana, USA August 12-16, 2000  
SPONSOR: American Phytopathological Society  
ISSN: 0031-949X  
RECORD TYPE: Citation  
LANGUAGE: English  
SUMMARY LANGUAGE: English

12/3/16      (Item 4 from file: 5)  
DIALOG(R)File    5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.  
  
12423516    BIOSIS NO.: 200000177018  
Use of loose shelled kernels to estimate \*aflatoxin\* in farmers stock

peanut lots.  
AUTHOR: Whitaker T B(a); Giesbrecht F G; Hagler W M Jr  
AUTHOR ADDRESS: (a)USDA, ARS, North Carolina State Univ., Raleigh, NC,  
27695\*\*USA  
JOURNAL: Peanut Science 29 (1):p39-44 Jan.-June, 1999  
ISSN: 0095-3679  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

12/3/17 (Item 5 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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11760970 BIOSIS NO.: 199900007079  
Comparison of peanut \*yield\*, quality, and net returns between nonirrigated  
and irrigated production.  
AUTHOR: Lamb M C(a); Davidson J I Jr; Childre J W; Martin N R Jr  
AUTHOR ADDRESS: (a)Dep. Agric. Econ. Rural Soc., Auburn Univ., Auburn, AL  
36849\*\*USA  
JOURNAL: Peanut Science 24 (2):p97-101 July-Dec., 1997  
ISSN: 0095-3679  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

12/3/18 (Item 6 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

11628504 BIOSIS NO.: 199800411161  
Activation and detoxication of \*aflatoxin\* B1.  
AUTHOR: Guengerich F Peter(a); Johnson William W; Shimada Tsutomu; Ueng  
Yune-Fang; Yamazaki Hiroshi; Langouet Sophie  
AUTHOR ADDRESS: (a)Dep. Biochem. Cent. Mol. Toxicol., Vanderbilt Univ. Sch.  
Med., Med. Res. Build. I, Room 638B, 23\*\*USA  
JOURNAL: Mutation Research 402 (1-2):p121-128 June 18, 1998  
ISSN: 0027-5107  
DOCUMENT TYPE: Literature Review  
RECORD TYPE: Abstract  
LANGUAGE: English

12/3/19 (Item 7 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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11392687 BIOSIS NO.: 199800174019  
An economic appraisal of \*aflatoxin\* contamination in dairy cattle feed.  
AUTHOR: Rajan A; Ismail P K  
AUTHOR ADDRESS: Cent. Excellence Pathol., Coll. Vet. and Anim. Sci.,  
Mannuthy, Trichur-680 651\*\*India  
JOURNAL: Journal of Veterinary and Animal Sciences 26 (2):p105-112 Dec.,  
1995  
ISSN: 0971-0701  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

12/3/20 (Item 8 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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11271850 BIOSIS NO.: 199800053182  
Interaction of temperature and microsomal peroxidase in \*aflatoxin\*  
degradation by Aspergillus flavus 102566.  
AUTHOR: Singh Ved Pal(a)

AUTHOR ADDRESS: (a)Applied Microbiol. Biotechnol. Lab., Dep. Botany, Univ.  
Delhi, Delhi 110 007\*\*India  
JOURNAL: Current Science (Bangalore) 73 (6):p529-532 Sept. 25, 1997  
ISSN: 0011-3891  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

12/3/21 (Item 9 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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11200104 BIOSIS NO.: 199799821249  
Synthesis and characterization of \*aflatoxin\* B-1 mercapturic acids and  
their identification in rat urine.  
AUTHOR: Scholl Peter F; Musser Steven M; Groopman John D(a)  
AUTHOR ADDRESS: (a)Dep. Environ. Health Sci., Sch. Hyg. Public Health,  
Johns Hopkins Univ., 615 N. Wolfe St., Balti\*\*USA  
JOURNAL: Chemical Research in Toxicology 10 (10):p1144-1151 1997  
ISSN: 0893-228X  
RECORD TYPE: Abstract  
LANGUAGE: English

12/3/22 (Item 10 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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11187543 BIOSIS NO.: 199799808688  
Impact of row spacing and planting date on the canopy environment,  
abundance of lesser cornstalk borer and other arthropods, and incidence  
of aflatoxigenic fungi in peanuts.  
AUTHOR: Stewart S D(a); Bowen K L; Mack T P; Edwards J H  
AUTHOR ADDRESS: (a)Mississippi State Univ., Central Mississippi Res. Ext.  
Ctr., 1320 Seven Springs Road, Raymond, M\*\*USA  
JOURNAL: Peanut Science 24 (1):p52-59 1997  
ISSN: 0095-3679  
RECORD TYPE: Abstract  
LANGUAGE: English

12/3/23 (Item 11 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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11141597 BIOSIS NO.: 199799762742  
An intercalation inhibitor altering the target selectivity of DNA damaging  
agents: Synthesis of site-specific \*aflatoxin\* B-1 adducts in a p53  
mutational hotspot.  
AUTHOR: Kobertz William R; Wang David; Wogan Gerald N; Essigmann John M(a)  
AUTHOR ADDRESS: (a)Dep. Chem., Build. 56-669, Massachusetts Inst. Technol.,  
Cambridge, MA 02139\*\*USA  
JOURNAL: Proceedings of the National Academy of Sciences of the United  
States of America 94 (18):p9579-9584 1997  
ISSN: 0027-8424  
RECORD TYPE: Abstract  
LANGUAGE: English

12/3/24 (Item 12 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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11122819 BIOSIS NO.: 199799743964  
Production of \*aflatoxin\* M-1 by *Aspergillus parasiticus* (AP 456) in a  
semisynthetic medium.  
AUTHOR: Pallavi R M V; Vidyasagar T; Sashidhar R B(a)  
AUTHOR ADDRESS: (a)Dep. Biochemistry, University College Sci., Osmania  
Univ., Hyderabad 500 007\*\*India  
JOURNAL: Indian Journal of Experimental Biology 35 (7):p735-741 1997

ISSN: 0019-5189  
RECORD TYPE: Abstract  
LANGUAGE: English

12/3/25 (Item 13 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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11079133 BIOSIS NO.: 199799700278  
Influence of white light, near-UV irradiation and other environmental  
conditions on production of \*aflatoxin\* B-1 by *Aspergillus flavus* and  
ochratoxin A by *Aspergillus ochraceus*.  
AUTHOR: Aziz N H(a); Moussa L A E  
AUTHOR ADDRESS: (a)Natl. Cent. Radiation Res. Technol., Food Microbiol.  
Dep., P.O. Box 29, Nasr City, ET-113701 Cai\*\*Egypt  
JOURNAL: Nahrung 41 (3):p150-154 1997  
ISSN: 0027-769X  
RECORD TYPE: Abstract  
LANGUAGE: English

12/3/26 (Item 14 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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10880579 BIOSIS NO.: 199799501724  
Conjugation of highly reactive \*aflatoxin\* B-1 exo-8,9-epoxide catalyzed by  
rat and human glutathione transferases: Estimation of kinetic parameters.  
AUTHOR: Johnson William W; Ueng Yune-Fang; Widersten Mikael; Mannervik  
Bengt; Hayes John D; Sherratt Philip J; Ketterer Brian; Guengerich F  
Peter(a)  
AUTHOR ADDRESS: (a)Dep. Biochem., Cent. Mol. Toxicol., Vanderbilt Univ.  
Sch. Med., Nashville, TN 37232-0146\*\*USA  
JOURNAL: Biochemistry 36 (11):p3056-3060 1997  
ISSN: 0006-2960  
RECORD TYPE: Abstract  
LANGUAGE: English

12/3/27 (Item 15 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

10487521 BIOSIS NO.: 199699108666  
Effects of heat stress on enzyme activities and transcript levels in  
developing maize kernels grown in culture.  
AUTHOR: Duke Edwin R; Doehlert Douglas C(a)  
AUTHOR ADDRESS: (a)USDA/ARS Wheat Quality Lab., Harris Hall, North Dakota  
State University Fargo, ND 58105\*\*USA  
JOURNAL: Environmental and Experimental Botany 36 (2):p199-208 1996  
ISSN: 0098-8472  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

12/3/28 (Item 16 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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10433010 BIOSIS NO.: 199699054155  
\*Aflatoxin\* G1 contamination of heavy pig rations: Effects on seasoned hams  
(experimental contribution).  
AUTHOR: Bonomi A; Quarantelli A; Mazzali I  
AUTHOR ADDRESS: Ist. Zootecnica Alimentazione e Nutrizione, Fac. Med.  
Vet., Univ. degli Studi Parma, Parma\*\*Italy  
JOURNAL: Rivista di Scienza dell'Alimentazione 24 (2):p271-277 1995  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: Italian; Non-English

SUMMARY LANGUAGE: Italian; English

12/3/29 (Item 17 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

10427060 BIOSIS NO.: 199699048205  
\*Aflatoxin\* B1 and G1 contamination of heavy pig rations: Effects on  
seasoned hams (experimental contribution).  
AUTHOR: Bonomi A(a); Quarantelli A; Mazzali I  
AUTHOR ADDRESS: (a)Istituto di Zootecnica Alimentazione e Nutrizione,  
Facolta di Medicina Veterinaria, Universita d\*\*Italy  
JOURNAL: Rivista di Scienza dell'Alimentazione 25 (1):p69-76 1996  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: Italian; Non-English  
SUMMARY LANGUAGE: Italian; English

12/3/30 (Item 18 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

10102472 BIOSIS NO.: 199698557390  
Registration of peanut germplasm ICGV 88145 and ICGV 89104 resistant to  
seed infection by Aspergillus flavus.  
AUTHOR: Rao M J V; Upadhyaya H D(a); Mehan V K; Nigam S N; McDonald D;  
Reddy N S  
AUTHOR ADDRESS: (a)International Crops Res. Inst. Semi-Arid Tropics,  
Patancheru P.O., Andhra Pradesh 502 324\*\*India  
JOURNAL: Crop Science 35 (6):p1717 1995  
ISSN: 0011-183X  
DOCUMENT TYPE: Article  
RECORD TYPE: Citation  
LANGUAGE: English

12/3/31 (Item 19 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

10059530 BIOSIS NO.: 199598514448  
Correction of PREVIEWS 98219275. Expression of cytochrome P450 3A5 in  
Escherichia coli: Effects of 5' modification, purification, spectral  
characterization, reconstitution conditions, and catalytic activities.  
Correction of abstract. Erratum published in ARCHIVES OF BIOCHEMISTRY AND  
BIOPHYSICS Vol. 318. Iss. 2. 1995. p. 498.  
AUTHOR: Gillam Elizabeth M J(a); Guo Zuyu; Ueng Yune-Fang; Yamazaki Hiroshi  
; Cock Ian; Reilly Paul E B; Hooper Wayne D; Guengerich F Peter  
AUTHOR ADDRESS: (a)Dep. Biochem., Cent. Mol. Toxicology, Vanderbilt Univ.  
Sch. Med., Nashville, TN 37232\*\*USA  
JOURNAL: Archives of Biochemistry and Biophysics 317 (2):p374-384 1995  
ISSN: 0003-9861  
DOCUMENT TYPE: Article; Erratum  
RECORD TYPE: Abstract  
LANGUAGE: English

12/3/32 (Item 20 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

09956516 BIOSIS NO.: 199598411434  
Formulating atoxigenic Aspergillus flavus for field release.  
AUTHOR: Daigle D J; Cotty P J  
AUTHOR ADDRESS: Southern Regional Res. Cent., ARS, USDA, P.O. Box 19687,  
New Orleans, LA 70179\*\*USA  
JOURNAL: Biocontrol Science and Technology 5 (2):p175-184 1995  
ISSN: 0958-3157  
DOCUMENT TYPE: Article

RECORD TYPE: Abstract  
LANGUAGE: English

12/3/33 (Item 21 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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09882362 BIOSIS NO.: 199598337280  
\*Aflatoxin\* M-1 8,9-Epoxide: Preparation and Mutagenic Activity.  
AUTHOR: Bujons Jordi; Hsieh Dennis P H; Kado Norman Y; Messeguer Angel(a)  
AUTHOR ADDRESS: (a)Dep. Biol. Organic Chem., CID, J. Girona 18, 08034  
Barcelona\*\*Spain  
JOURNAL: Chemical Research in Toxicology 8 (3):p328-332 1995  
ISSN: 0893-228X  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

12/3/34 (Item 22 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

09694243 BIOSIS NO.: 199598149161  
The cytotoxic effects of \*aflatoxin\* B-1 on swine lymphocytes in vitro.  
AUTHOR: Pang Victor Fei(a); Pan Chen-Ing  
AUTHOR ADDRESS: (a)Dep. Vet. Med., Coll. Agric., Natl. Taiwan Univ., Taipei  
106\*\*Taiwan  
JOURNAL: Journal of the Chinese Society of Veterinary Science 20 (4):p  
289-301 1994  
ISSN: 0253-9179  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English; Chinese

12/3/35 (Item 23 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

09691826 BIOSIS NO.: 199598146744  
Effect of natural zeolites on poultry feeding with different nutritional  
levels or high mycotoxin contamination.  
AUTHOR: Lon-Wo Esmeralda(a); Zaldivar Victoria; Margolles Estrella  
AUTHOR ADDRESS: (a)Instituto de Ciencia Animal, Apartado 24, San Jose de  
las Lajas, La Habana\*\*Cuba  
JOURNAL: Cuban Journal of Agricultural Science 27 (2):p199-204 1993  
ISSN: 0034-7485  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

12/3/36 (Item 24 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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09666188 BIOSIS NO.: 199598121106  
\*Aflatoxin\* B1 contamination of heavy pig rations: Effects on seasoned hams  
(experimental contribution).  
AUTHOR: Bonomi A; Quarantelli A; Mazzali I; Chizzolini R  
AUTHOR ADDRESS: Ist. di Zootecnica, Alimentazione Nutrizione-Fac. di  
Medicina Vet., Univ. degli Studi Parma, Parma\*\*Italy  
JOURNAL: Rivista di Scienza dell'Alimentazione 23 (4):p499-506 1994  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: Italian; Non-English  
SUMMARY LANGUAGE: Italian; English

12/3/37 (Item 25 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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09613202 BIOSIS NO.: 199598068120  
Effects of planting date and row spacing on peanut microclimate, lesser  
cornstalk borers, and aflatoxigenic fungi.  
AUTHOR: Stewart S D(a); Bowen K L; Mack T P; Kloepper J W  
AUTHOR ADDRESS: (a)Dep. Entomol., 209 Life Sci. Build., Auburn, AL 36849\*\*  
USA  
JOURNAL: Phytopathology 84 (10):p1102 1994  
CONFERENCE/MEETING: Annual Meeting of the American Phytopathological  
Society Albuquerque, New Mexico, USA August 6-10, 1994  
ISSN: 0031-949X  
RECORD TYPE: Citation  
LANGUAGE: English

12/3/38 (Item 26 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

09505589 BIOSIS NO.: 199497513959  
Effects of \*aflatoxins\* B1 and G1 on productive efficiency, meat \*yield\*  
and quality in fattening pigs (experimental contribution).  
AUTHOR: Bonomi A(a); Quarantelli A(a); Mazzali I(a); Cabassi E; Corradi A;  
Di Lecce R; Ubaldi R; Fusari A; Chizzolini R  
AUTHOR ADDRESS: (a)Ist. Zootecnica, Alimentazione e Nutrizione, Fac. Med.  
Vet., Univ. degli Studi Parma, Parma\*\*Italy  
JOURNAL: Rivista di Scienza dell'Alimentazione 23 (2):p251-277 1994  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: Italian; Non-English  
SUMMARY LANGUAGE: Italian; English

12/3/39 (Item 27 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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09494441 BIOSIS NO.: 199497502811  
Action of carbamate biocides on sterols, gibberellin and \*aflatoxin\*  
formation.  
AUTHOR: Hasan H A H  
AUTHOR ADDRESS: Botany Dep., Fac. Sci., Assiut Univ., Assiut\*\*Egypt  
JOURNAL: Journal of Basic Microbiology 34 (4):p225-230 1994  
ISSN: 0233-111X  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

12/3/40 (Item 28 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

09438496 BIOSIS NO.: 199497446866  
Natural occurrence of mycotoxins in broad bean (*Vicia faba* L.) seeds and  
their effect on Rhizobium: Legume symbiosis.  
AUTHOR: Mahmoud A-L E; Abd-Alla M H(a)  
AUTHOR ADDRESS: (a)Dep. Bot., Fac. Sci., Assiut Univ., Assiut\*\*Egypt  
JOURNAL: Soil Biology and Biochemistry 26 (8):p1081-1085 1994  
ISSN: 0038-0717  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

12/3/41 (Item 29 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)

(c) 2001 BIOSIS. All rts. reserv.

09108300 BIOSIS NO.: 199497116670  
The effects of \*aflatoxin\* G1 contaminated rations on the productive efficiency and on the meat \*yield\* and quality in fattening pigs (experimental contribution).  
AUTHOR: Bonomi A(a); Quarantelli A(a); Mazzali I(a); Cabassi E; Corradi A; Ubaldi A; Fusari A; Chizzolini R  
AUTHOR ADDRESS: (a)Ist. Zootec., Aliment. Nutr., Fac. Med. Vet., Univ. degli Studi Parma, Parma\*\*Italy  
JOURNAL: Rivista di Scienza dell'Alimentazione 22 (3):p351-377 1993  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: Italian; Non-English  
SUMMARY LANGUAGE: Italian; English

12/3/42 (Item 30 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

09016303 BIOSIS NO.: 199497024673  
Comparison of digestibility, nutritive value, and storage characteristics of different forms of cottonseed in diets fed to lactating dairy cows.  
AUTHOR: Sulivn J L; Huber J T(a); Price R L; Harper J M  
AUTHOR ADDRESS: (a)205 Shantz Build., Dep. Anim. Sci., Univ. Arizona, Tucson, AR 85721\*\*USA  
JOURNAL: Journal of Animal Science 71 (11):p2837-2842 1993  
ISSN: 0021-8812  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

12/3/43 (Item 31 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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08971335 BIOSIS NO.: 199396122836  
Fungi associated with post-harvest rot of sweet orange (*Citrus sinensis*) and \*aflatoxin\* B-1 production by isolates of *Aspergillus flavus* on plain and supplemented orange juice.  
AUTHOR: Bankole S A  
AUTHOR ADDRESS: Microbiol. Unit, Dep. Biol. Sci., Ogun State Univ., Ago-Iwoye\*\*Nigeria  
JOURNAL: Nahrung 37 (4):p380-385 1993  
ISSN: 0027-769X  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English; German

12/3/44 (Item 32 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

08943276 BIOSIS NO.: 199396094777  
Effect of nitrogen and irrigation levels on seed \*yield\* of brassicas.  
AUTHOR: Singh Joginder; Tyagi R C; Prakash Anand; Bhola A L  
AUTHOR ADDRESS: Dep. Agron., CCS Haryana Agric. Univ., Hisar-125 004\*\* India  
JOURNAL: International Journal of Tropical Agriculture 10 (4):p301-304 1992  
ISSN: 0254-8755  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

12/3/45 (Item 33 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

08860902 BIOSIS NO.: 199396012403  
The effects of \*aflatoxin\* B1 contaminated rations on the productive efficiency and on the meat \*yield\* and quality in fattening pigs (experimental contribution).  
AUTHOR: Bonomi A(a); Quarantelli A(a); Mazzali I(a); Lucchelli L(a); Anghinetti A(a); Cabassi E; Corradi A; Ubaldi A; Fusari A; Chizzolini R  
AUTHOR ADDRESS: (a)Inst. di Zootecnica Alimentazione Nutrizione, Fac. di Medicina Veterinaria, Universita degli Studi\*\*Italy  
JOURNAL: Rivista della Societa Italiana di Scienza dell'Alimentazione 21 (4):p501-534 1992  
ISSN: 0391-4887  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: Italian; Non-English  
SUMMARY LANGUAGE: Italian; English

12/3/46 (Item 34 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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08813911 BIOSIS NO.: 199395103262  
DNA conformation mediates \*aflatoxin\* B-1-DNA binding and the formation of guanine N-7 adducts by \*aflatoxin\* B-1 8,9-exoepoxide.  
AUTHOR: Raney Veronica M; Harris Thomas M(a); Stone Michael P(a)  
AUTHOR ADDRESS: (a)Dep. Chem., Cent. Mol. Toxicol., Vanderbilt Univ., Nashville, TN 37235\*\*USA  
JOURNAL: Chemical Research in Toxicology 6 (1):p64-68 1993  
ISSN: 0893-228X  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

12/3/47 (Item 35 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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08806621 BIOSIS NO.: 199395095972  
A descriptive model of mold growth and \*aflatoxin\* formation as affected by environmental conditions.  
AUTHOR: Pitt R E  
AUTHOR ADDRESS: Dep. Agric. Biological Engineering, Cornell Univ., Ithaca, New York 14853-5701\*\*  
JOURNAL: Journal of Food Protection 56 (2):p139-146 1993  
ISSN: 0362-028X  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

12/3/48 (Item 36 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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08806620 BIOSIS NO.: 199395095971  
Separation of \*aflatoxin\*-contaminated kernels from sound kernels by hydrogen peroxide treatment.  
AUTHOR: Clavero M R S; Hung Y-C(a); Beuchat L R; Nakayama T  
AUTHOR ADDRESS: (a)Food Safety Quality Enhancement Lab., Dep. Food Sci. Technology, Univ. Georgia, Agric. Experimen  
JOURNAL: Journal of Food Protection 56 (2):p130-133, 156 1993  
ISSN: 0362-028X  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

12/3/49 (Item 37 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

08791305 BIOSIS NO.: 199395080656  
Effect of sorbentia on carry-over of \*aflatoxin\* from cow feed to milk.  
AUTHOR: Veldman A  
AUTHOR ADDRESS: CLO-Inst. Animal Nutr. "De Schothorst", P.O. Box 533,  
NL-8200 AM Lelystad\*\*Netherlands Antilles  
JOURNAL: Milchwissenschaft 47 (12):p777-780 1992  
ISSN: 0026-3788  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English; German

12/3/50 (Item 38 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

08791303 BIOSIS NO.: 199395080654  
Possibilities and limitations of SFE in the extraction of \*aflatoxin\* B1  
from food matrices.  
AUTHOR: Engelhardt H; Haas P  
AUTHOR ADDRESS: Angewandte Physikalische Chemie, Univ. Saarlandes, 6600  
Saarbruecken\*\*Germany  
JOURNAL: Journal of Chromatographic Science 31 (1):p13-19 1993  
ISSN: 0021-9665  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
?s s12 and vector  
182 S12  
158854 VECTOR  
S13 3 S12 AND VECTOR  
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13/3/1 (Item 1 from file: 71)  
DIALOG(R)File 71:ELSEVIER-BIOBASE  
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00256778 95050821  
Expression of cytochrome P450 3A5 in escherichia coli: Effects of 5'  
modification, purification, spectral characterization, reconstitution  
conditions, and catalytic activities  
Gillam E.M.J.; Guo Z.; Ueng Y.-F.; Yamazaki H.; Cock I.; Reilly P.E.B.;  
Hooper W.D.; Guengerich F.P.  
ADDRESS: E.M.J. Gillam, Department Physiology/Pharmacology, University of  
Queensland, St. Lucia, Qld. 4072, Australia  
Journal: Archives of Biochemistry and Biophysics, 317/2 (374-384), 1995,  
United States  
PUBLICATION DATE: 19950000  
CODEN: ABBIA  
ISSN: 0003-9861  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English

13/3/2 (Item 1 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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10059530 BIOSIS NO.: 199598514448  
Correction of PREVIEWS 98219275. Expression of cytochrome P450 3A5 in  
Escherichia coli: Effects of 5' modification, purification, spectral  
characterization, reconstitution conditions, and catalytic activities.  
Correction of abstract. Erratum published in ARCHIVES OF BIOCHEMISTRY AND  
BIOPHYSICS Vol. 318. Iss. 2. 1995. p. 498.  
AUTHOR: Gillam Elizabeth M J(a); Guo Zuyu; Ueng Yune-Fang; Yamazaki Hiroshi  
; Cock Ian; Reilly Paul E B; Hooper Wayne D; Guengerich F Peter

AUTHOR ADDRESS: (a)Dep. Biochem., Cent. Mol. Toxicology, Vanderbilt Univ.  
Sch. Med., Nashville, TN 37232\*\*USA  
JOURNAL: Archives of Biochemistry and Biophysics 317 (2):p374-384 1995  
ISSN: 0003-9861  
DOCUMENT TYPE: Article; Erratum  
RECORD TYPE: Abstract  
LANGUAGE: English

13/3/3 (Item 2 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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09613202 BIOSIS NO.: 199598068120  
Effects of planting date and row spacing on peanut microclimate, lesser  
cornstalk borers, and aflatoxigenic fungi.  
AUTHOR: Stewart S D(a); Bowen K L; Mack T P; Kloepper J W  
AUTHOR ADDRESS: (a)Dep. Entomol., 209 Life Sci. Build., Auburn, AL 36849\*\*  
USA  
JOURNAL: Phytopathology 84 (10):p1102 1994  
CONFERENCE/MEETING: Annual Meeting of the American Phytopathological  
Society Albuquerque, New Mexico, USA August 6-10, 1994  
ISSN: 0031-949X  
RECORD TYPE: Citation  
LANGUAGE: English  
?s s1 and penicillin  
312143 S1  
65928 PENICILLIN  
S14 546 S1 AND PENICILLIN  
?s s14 and vector  
546 S14  
158854 VECTOR  
S15 16 S14 AND VECTOR  
?rd  
...completed examining records  
S16 10 RD (unique items)  
?t/3/all

16/3/1 (Item 1 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
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01715688 2001090325  
Practice guidelines for the treatment of Lyme disease  
Wormser G.P.; Nadelman R.B.; Dattwyler R.J.; Dennis D.T.; Shapiro E.D.;  
Steere A.C.; Rush T.J.; Rahn D.W.; Coyle P.K.; Persing D.H.; Fish D.; Luft  
B.J.  
ADDRESS: Dr. G.P. Wormser, Macy Pavilion, Westchester Medical Center,  
Valhalla, NY 10595, United States  
Journal: Clinical Infectious Diseases, 31/SUPPL. 1 (S1-S14), 2000, United  
States  
CODEN: CIDIE  
ISSN: 1058-4838  
DOCUMENT TYPE: Review  
LANGUAGES: English SUMMARY LANGUAGES: English  
NO. OF REFERENCES: 99

16/3/2 (Item 2 from file: 71)  
DIALOG(R)File 71:ELSEVIER'BIOBASE  
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01481790 2000159109  
Overexpression and biosynthetic deuterium enrichment of TEM-1  
beta-lactamase for structural characterization by magnetic resonance  
methods  
Sosa-Peinado A.; Mustafi D.; Makinen M.W.  
ADDRESS: M.W. Makinen, Dept. of Biochemistry/Molec. Biol., University of  
Chicago, Cummings Life Science Center, 920 E. 58th Street,  
Chicago, IL 60637, United States  
EMAIL: m-makinen@uchicago.edu

Journal: Protein Expression and Purification, 19/2 (235-245), 2000, United States  
CODEN: PEXPE  
ISSN: 1046-5928  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English  
NO. OF REFERENCES: 15

16/3/3 (Item 3 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.  
  
01238462 1999215130  
Novel strategy for efficient screening and construction of host/\*vector\*  
systems to overproduce \*penicillin\* acylase in Escherichia coli  
Perry Chou C.; Yu C.-C.; Lin W.-J.; Kuo B.-Y.; Wang W.-C.  
ADDRESS: C. Perry Chou, Department of Chemical Engineering, Feng Chia  
University, Taichung, Taiwan  
EMAIL: cpchou@fcu.edu.tw  
Journal: Biotechnology and Bioengineering, 65/2 (219-226), 1999, United  
States  
PUBLICATION DATE: October 20, 1999  
CODEN: BIBIA  
ISSN: 0006-3592  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English  
NO. OF REFERENCES: 20

16/3/4 (Item 4 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.  
  
00679086 97185853  
High-level expression of soluble protein in Escherichia coli using a Hisinf  
6-Tag and maltose-binding-protein double-affinity fusion system  
Pryor K.D.; Leiting B.  
ADDRESS: B. Leiting, Merck Research Laboratories, P.O. Box 2900, Rahway, NJ  
07065, United States  
Journal: Protein Expression and Purification, 10/3 (309-319), 1997, United  
States  
PUBLICATION DATE: 19970000  
CODEN: PEXPE  
ISSN: 1046-5928  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English  
NO. OF REFERENCES: 21

16/3/5 (Item 1 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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12967153 BIOSIS NO.: 200100174302  
Expression and purification of extracellular \*penicillin\* G acylase in  
Bacillus subtilis.  
AUTHOR: Yang Sheng; Huang He; Zhang Ruan; Huang Xiaodong; Li Shiyun; Yuan  
Zhongyi(a)  
AUTHOR ADDRESS: (a)Institute of Biochemistry and Cell Biology, Shanghai  
Institutes for Biological Sciences, Chinese Academy of Sciences,  
Shanghai, 200031: zhongyi@sunm.shcnc.ac.cn\*\*China  
JOURNAL: Protein Expression and Purification 21 (1):p60-64 February, 2001  
MEDIUM: print  
ISSN: 1046-5928  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

16/3/6 (Item 2 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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12203058 BIOSIS NO.: 199900497907  
Novel strategy for efficient screening and construction of host/\*vector\*  
systems to overproduce \*penicillin\* acylase in Escherichia coli.  
AUTHOR: Chou C Perry(a); Yu Chih-Chang; Lin Wen-Jer; Kuo Bau-Yuan; Wang  
Wen-Chang  
AUTHOR ADDRESS: (a)Department of Chemical Engineering, Feng Chia  
University, Taichung\*\*Taiwan  
JOURNAL: Biotechnology and Bioengineering 65 (2):p219-226 Oct. 20, 1999  
ISSN: 0006-3592  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

16/3/7 (Item 3 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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11111765 BIOSIS NO.: 199799732910  
High-level expression of soluble protein in Escherichia coli using a  
His-6-Tag and maltose-binding-protein double-affinity fusion system.  
AUTHOR: Pryor Kellyann D; Leiting Barbara  
AUTHOR ADDRESS: Dep. Biochem., Merck Res. lab., Rahway, NJ 07065\*\*USA  
JOURNAL: Protein Expression and Purification 10 (3):p309-319 1997  
ISSN: 1046-5928  
RECORD TYPE: Abstract  
LANGUAGE: English

16/3/8 (Item 4 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

10050197 BIOSIS NO.: 199598505115  
High-\*yield\* expression, refolding, and purification of \*penicillin\*  
-binding protein 2a from methicillin-resistant *Staphylococcus aureus*  
strain 27R.  
AUTHOR: Frank Lori J(a); Wisniewski Douglas; Hammond Gail G; Hermes Jeffrey  
; Marcy Alice; Cameron Patricia M  
AUTHOR ADDRESS: (a)Maildrop Ry50A-100, Merck Research Lab., P.O. Box 2000,  
Rahway, NJ 07065\*\*USA  
JOURNAL: Protein Expression and Purification 6 (5):p671-678 1995  
ISSN: 1046-5928  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

16/3/9 (Item 1 from file: 155)  
DIALOG(R)File 155: MEDLINE(R)  
(c) format only 2000 Dialog Corporation. All rts. reserv.

06063875 88058803  
Cloning and characterization of the genes for two distinct cephalosporin  
acylases from a *Pseudomonas* strain.  
Matsuda A; Matsuyama K; Yamamoto K; Ichikawa S; Komatsu K  
Pharmaceutical Research and Development Department, Asahi Chemical  
Industry, Co., Ltd., Fuji 416, Japan.  
Journal of bacteriology (UNITED STATES) Dec 1987, 169 (12) p5815-20,  
ISSN 0021-9193 Journal Code: HH3  
Languages: ENGLISH  
Document type: JOURNAL ARTICLE

16/3/10 (Item 2 from file: 155)  
DIALOG(R)File 155: MEDLINE(R)

(c) format only 2000 Dialog Corporation. All rts. reserv.

04608303 84069819  
An improved positive selection plasmid \*vector\* constructed by  
oligonucleotide mediated mutagenesis.  
Nilsson B; Uhlen M; Josephson S; Gatenbeck S; Philipson L  
Nucleic acids research (ENGLAND) Nov 25 1983, 11 (22) p8019-30, ISSN  
0305-1048 Journal Code: O8L  
Languages: ENGLISH  
Document type: JOURNAL ARTICLE  
?s sl and polyketide?  
312143 S1  
2837 POLYKETIDE?  
S17 70 S1 AND POLYKETIDE?  
?rd  
...examined 50 records (50)  
...completed examining records  
S18 40 RD (unique items)  
?t/3/all

18/3/1 (Item 1 from file: 71)  
DIALOG(R)File 71:ELSEVIER.BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.

01705652 2001077872  
A multifunctional \*polyketide\*-peptide synthetase essential for albidicidin  
biosynthesis in Xanthomonas albilineans  
Huang G.; Zhang L.; Birch R.G.  
ADDRESS: R.G. Birch, Department of Botany, The University of Queensland,  
Brisbane, QLD 4072, Australia  
EMAIL: r.birch@botany.uq.edu.u  
Journal: Microbiology, 147/3 (631-642), 2001, United Kingdom  
CODEN: MROBE  
ISSN: 1350-0872  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English  
NO. OF REFERENCES: 57

18/3/2 (Item 2 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.

01460856 2000098998  
A defined system for hybrid macrolide biosynthesis in Saccharopolyspora  
erythraea  
Gaisser S.; Reather J.; Wirtz G.; Kellenberger L.; Staunton J.; Leadlay  
P.F.  
ADDRESS: P.F. Leadlay, Cambridge Centre Mol. Recognition, Department of  
Biochemistry, University of Cambridge, 80 Tennis Court Road,  
Cambridge CB2 1GA, United Kingdom  
EMAIL: pfl10@mole.bio.cam.ac.uk  
Journal: Molecular Microbiology, 36/2 (391-401), 2000, United Kingdom  
CODEN: MOMIE  
ISSN: 0950-382X  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English  
NO. OF REFERENCES: 40

18/3/3 (Item 3 from file: 71)  
DIALOG(R)File 71:ELSEVIER.BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.

01321138 1999164531  
Improvement of red pigment/citrinin production ratio as a function of  
environmental conditions by Monascus ruber  
Hajjaj H.; Blanc P.J.; Groussac E.; Goma G.; Uribelarrea J.L.; Loubiere P.  
ADDRESS: P.J. Blanc, Lab. Biotechnologie et Bioprocédés, UMR CNRS/INSA  
5504, LA INRA, F-31077 Toulouse Cedex 04, France  
EMAIL: blanc@insa-tlse.fr

Journal: Biotechnology and Bioengineering, 64/4 (497-501), 1999, United States  
PUBLICATION DATE: August 20, 1999  
CODEN: BIBIA  
ISSN: 0006-3592  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English  
NO. OF REFERENCES: 26

18/3/4 (Item 4 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.

01200121 1999178205  
Impact of thioesterase activity on tylisin biosynthesis in *Streptomyces fradiae*  
Butler A.R.; Bate N.; Cundliffe E.  
ADDRESS: E. Cundliffe, Department of Biochemistry, University of Leicester, Leicester LE1 7RH, United Kingdom  
EMAIL: ec13@le.ac.uk  
Journal: Chemistry and Biology, 6/5 (287-292), 1999, United Kingdom  
CODEN: CBOLE  
ISSN: 1074-5521  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English  
NO. OF REFERENCES: 27

18/3/5 (Item 5 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.

00968181 1998198822  
Engineered biosynthesis of novel \*polyketides\* from *Streptomyces* spore pigment \*polyketide\* synthases  
Yu T.-W.; Shen Y.; McDaniel R.; Floss H.G.; Khosla C.; Hopwood D.A.; Moore B.S.  
ADDRESS: B.S. Moore, Department of Chemistry, Box 351700, University of Washington, Seattle, WA 98195-1700, United States  
EMAIL: bmoore@chem.washington.edu  
Journal: Journal of the American Chemical Society, 120/31 (7749-7759), 1998, United States  
PUBLICATION DATE: August 12, 1998  
CODEN: JACSA  
ISSN: 0002-7863  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English

18/3/6 (Item 6 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
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00898306 1998136982  
Plant \*polyketide\* synthases: A chalcone synthase-type enzyme which performs a condensation reaction with methylmalonyl-CoA in the biosynthesis of C-methylated chalcones  
Schroder J.; Raiber S.; Berger T.; Schmidt A.; Schmidt J.; Soares-Sello A.M.; Bardshiri E.; Strack D.; Simpson T.J.; Veit M.; Schroder G.  
ADDRESS: J. Schroder, Institut fur Biologie II, Universitat Freiburg, Schanzlestrasse 1, D-79104 Freiburg, Germany  
EMAIL: jschroe@ruf.uni-freiburg.de  
Journal: Biochemistry, 37/23 (8417-8425), 1998, United States  
PUBLICATION DATE: June 9, 1998  
CODEN: BICHA  
ISSN: 0006-2960  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English  
NO. OF REFERENCES: 48

18/3/7 (Item 7 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.

00828490 1998067568  
Metabolic engineering: Techniques for analysis of targets for genetic manipulations  
Nielsen J.  
ADDRESS: J. Nielsen, Center for Process Biotechnology, Department of Biotechnology, Technical University of Denmark, DK-2800 Lyngby, Denmark  
EMAIL: jn@ibt.dtu.dk  
Journal: Biotechnology and Bioengineering, 58/2-3 (125-132), 1998, United States  
PUBLICATION DATE: May 5, 1998  
CODEN: BIBIA  
ISSN: 0006-3592  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English  
NO. OF REFERENCES: 38

18/3/8 (Item 8 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.

00807968 1998044762  
Characterization of Sfp, a *Bacillus subtilis* phosphopantetheinyl transferase for peptidyl carrier protein domains in peptide synthetases  
Quadri L.E.N.; Weinreb P.H.; Lei M.; Nakano M.M.; Zuber P.; Walsh C.T.  
ADDRESS: C.T. Walsh, Department of Biological Chemistry, Molecular Pharmacology, Harvard Medical School, Boston, MA 02115, United States  
EMAIL: walsh@walsh.med.harvard.edu  
Journal: Biochemistry, 37/6 (1585-1595), 1998, United States  
PUBLICATION DATE: February 10, 1998  
CODEN: BICHA  
ISSN: 0006-2960  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English  
NO. OF REFERENCES: 42

18/3/9 (Item 9 from file: 71)  
DIALOG(R)File 71:ELSEVIER'BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.

00726086 97230494  
Acyltransferase domain substitutions in erythromycin \*polyketide\* synthase \*yield\* novel erythromycin derivatives  
Roan X.; Pereda A.; Stassi D.L.; Zeidner D.; Summers R.G.; Jackson M.; Shivakumar A.; Kakavas S.; Staver M.J.; Donadio S.; Katz L.  
ADDRESS: L. Katz, Abbott Laboratories, 100 Abbott Park Road, Abbott Park, IL 60064, United States  
EMAIL: leonard.katz@abbott.com  
Journal: Journal of Bacteriology, 179/20 (6416-6425), 1997, United States  
PUBLICATION DATE: 19970000  
CODEN: JOBAA  
ISSN: 0021-9193  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English  
NO. OF REFERENCES: 44

18/3/10 (Item 10 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
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00586457 97089284  
Ability of *Streptomyces* spp. acyl carrier proteins and coenzyme A analogs

to serve as substrates in vitro for *E. coli* holo-ACP synthase.  
Gehring A.M.; Lambalot R.H.; Vogel K.W.; Drueckhammer D.G.; Walsh C.T.  
ADDRESS: C.T. Walsh, DBCMP, Harvard Medical School, 240 Longwood Avenue,  
Boston, MA 02115, United States  
EMAIL: walsh@walsh.med.harvard.edu  
Journal: Chemistry and Biology, 4/1 (17-24), 1997, United Kingdom  
PUBLICATION DATE: 19970000  
CODEN: CBOLE  
ISSN: 1074-5521  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English  
NO. OF REFERENCES: 19

18/3/11 (Item 11 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
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00506284 97005963  
Characterisation of genes involved in biosynthesis of coronafacic acid, the  
\*polyketide\* component of the phytotoxin coronatine  
Penfold C.N.; Bender C.L.; Turner J.G.  
ADDRESS: J.G. Turner, Molecular Biology Sector, School of Biological  
Sciences, University of East Anglia, Norwich NR4 7TJ, United  
Kingdom  
EMAIL: j.g.turner(@)uea.ac.uk  
Journal: Gene, 183/1-2 (167-173), 1996, Netherlands  
PUBLICATION DATE: 19960000  
CODEN: GENED  
ISSN: 0378-1119  
PUBLISHER ITEM IDENTIFIER: S0378111996005501  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English  
NO. OF REFERENCES: 45

18/3/12 (Item 12 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.

00504990 97004669  
A hybrid modular \*polyketide\* synthase obtained by domain swapping  
Oliynyk M.; Brown M.J.B.; Cortes J.; Staunton J.; Leadlay P.F.  
ADDRESS: P.F. Leadlay, Department of Biochemistry, Cambridge Molecular  
Recognition Ctr., University of Cambridge, Cambridge CB2 1QW,  
United Kingdom  
Journal: Chemistry and Biology, 3/10 (833-839), 1996, United Kingdom  
PUBLICATION DATE: 19960000  
CODEN: CBOLE  
ISSN: 1074-5521  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English

18/3/13 (Item 13 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
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00504989 97004668  
A functional chimeric modular \*polyketide\* synthase generated via domain  
replacement  
Bedford D.; Jacobsen J.R.; Luo G.; Cane D.E.; Khosla C.  
ADDRESS: D.E. Cane, Department of Chemistry, Brown University, Box H,  
Providence, RI 02912, United States  
Journal: Chemistry and Biology, 3/10 (827-831), 1996, United Kingdom  
PUBLICATION DATE: 19960000  
CODEN: CBOLE  
ISSN: 1074-5521  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English

18/3/14 (Item 14 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
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00392230 96086648  
Deciphering the mechanism for the assembly of aromatic \*polyketides\* by a  
bacterial \*polyketide\* synthase  
Shen B.; Hutchinson C.R.  
ADDRESS: C.R. Hutchinson, School of Pharmacy, University of Wisconsin, 425  
North Charter Street, Madison, WI 53706, United States  
Journal: Proceedings of the National Academy of Sciences of the United  
States of America, 93/13 (6600-6604), 1996, United States  
PUBLICATION DATE: 19960000  
CODEN: PNASA  
ISSN: 0027-8424  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English

18/3/15 (Item 15 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
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00270740 95066207  
Streptomyces peucetius daunorubicin biosynthesis gene, dnrF: Sequence and  
heterologous expression  
Filippini S.; Solinas M.M.; Breme U.; Schluter M.B.; Gabellini D.; Biamonti  
G.; Colombo A.L.; Garofano L.  
ADDRESS: S. Filippini, BioScience Center Pharmacia, Via Papa Giovanni XXIII  
23, 20014 Nerviano (Mi), Italy  
Journal: Microbiology, 141/4 (1007-1016), 1995, United Kingdom  
PUBLICATION DATE: 19950000  
CODEN: MROBE  
ISSN: 1350-0872  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English

18/3/16 (Item 16 from file: 71)  
DIALOG(R)File 71:ELSEVIER BIOBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.

00147710 94140148  
Engineered biosynthesis of 'novel \*polyketides\*: Stereochemical course of  
two reactions catalyzed by a \*polyketide\* synthase  
Fu H.; McDaniel R.; Hopwood D.A.; Khosla C.  
ADDRESS: C. Khosla, Department of Chemical Engineering, Stanford  
University, Stanford, CA 94305-5025, United States  
Journal: Biochemistry, 33/31 (9321-9326), 1994, United States  
PUBLICATION DATE: 19940000  
CODEN: BICHA  
ISSN: 0006-2960  
DOCUMENT TYPE: Article  
LANGUAGES: English SUMMARY LANGUAGES: English

18/3/17 (Item 1 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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12619796 BIOSIS NO.: 200000373298  
Biosynthesis of the polyene antifungal antibiotic nystatin in Streptomyces  
noursei ATCC 11455: Analysis of the gene cluster and deduction of the  
biosynthetic pathway.  
AUTHOR: Brautaset Trygve; Sekurova Olga N; Sletta Havard; Ellingsen Trond E  
; Strom Arne R; Valla Svein; Zotchev Sergey B(a)  
AUTHOR ADDRESS: (a)UNIGEN Center for Molecular Biology and Department of  
Biotechnology, Norwegian University of Science and Technology, N-7489,  
Trondheim\*\*Norway  
JOURNAL: Chemistry & Biology (London) 7 (6):p395-403 June, 2000

MEDIUM: print  
ISSN: 1074-5521  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

18/3/18 (Item 2 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

12474210 BIOSIS NO.: 200000227712  
Insertional inactivation of mtrX and mtrY genes from the mithramycin gene cluster affects production and growth of the producer organism *Streptomyces argillaceus*.  
AUTHOR: Garcia-Bernardo Jose; Brana Alfredo F; Mendez Carmen; Salas Jose A  
(a)  
AUTHOR ADDRESS: (a)Departamento de Biologia Funcional, Instituto Universitario de Oncologia del Principado de Asturias (I.U.O.P.A), Universidad de Oviedo, 33006, Oviedo\*\*Spain  
JOURNAL: FEMS Microbiology Letters 186 (1):p61-65 May 1, 2000  
ISSN: 0378-1097  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

18/3/19 (Item 3 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

12401029 BIOSIS NO.: 200000154531  
A two-vector system for the production of recombinant \*polyketides\* in *Streptomyces*.  
AUTHOR: Ziermann R; Betlach M C(a)  
AUTHOR ADDRESS: (a)Kosan Biosciences, Inc, 3832 Bay Center Place, Hayward, CA, 94545\*\*USA  
JOURNAL: Journal of Industrial Microbiology & Biotechnology. 24 (1):p46-50  
Jan., 2000  
ISSN: 1367-5435  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

18/3/20 (Item 4 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

12188716 BIOSIS NO.: 199900483565  
Contribution of molecular genetics to the antibiotics research.  
AUTHOR: Deng Zixin(a); Zhou Xiufen(a)  
AUTHOR ADDRESS: (a)Huazhong Agricultural University, Wuhan, 430070\*\*China  
JOURNAL: Zhongguo Kangshengsu Zazhi 24 (2):p81-85 1999  
ISSN: 1001-8689  
DOCUMENT TYPE: Literature Review  
RECORD TYPE: Abstract  
LANGUAGE: Chinese; Non-English  
SUMMARY LANGUAGE: Chinese; English

18/3/21 (Item 5 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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11379042 BIOSIS NO.: 199800160374  
Characterization of Sfp, a *Bacillus subtilis* phosphopantetheinyl transferase for peptidyl carrier protein domains in peptide synthetases.

AUTHOR: Quadri Luis E N; Weinreb Paul H; Lei Ming; Nakano Michiko M; Zuber Peter; Walsh Christopher T(a)  
AUTHOR ADDRESS: (a)Dep. Biol. Chem. Mol. Pharmacol., Harv. Med. Sch., Boston, MA 02115\*\*USA  
JOURNAL: Biochemistry 37 (6):p1585-1595 Feb. 10, 1998  
ISSN: 0006-2960  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

18/3/22 (Item 6 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

10833210 BIOSIS NO.: 199799454355  
Effect of solid substrate, liquid supplement, and harvest time on 6-n-pentyl-2H-pyran-2-one (6PAP) production by *Trichoderma* spp.  
AUTHOR: Cooney J M(a); Lauren D R; Jensen D J; Perry-Meyer L J  
AUTHOR ADDRESS: (a)HortResearch, Ruakura Research Centre, Private Bag 3123, Hamilton\*\*New Zealand  
JOURNAL: Journal of Agricultural and Food Chemistry 45 (2):p531-534 1997  
ISSN: 0021-8561  
RECORD TYPE: Abstract  
LANGUAGE: English

18/3/23 (Item 7 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

08935399 BIOSIS NO.: 199396086900  
An erythromycin analog produced by reprogramming of \*polyketide\* synthesis.  
AUTHOR: Donadio Stefano(a); McAlpine James B; Sheldon Paul J; Jackson Marianna; Katz Leonard  
AUTHOR ADDRESS: (a)Lepetit Res. Cent., via R. Lepetit 34, 21040 Gerenzano\*\* Italy  
JOURNAL: Proceedings of the National Academy of Sciences of the United States of America 90 (15):p7119-7123 1993  
ISSN: 0027-8424  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

18/3/24 (Item 8 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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08881393 BIOSIS NO.: 199396032894  
Effects of environmental and nutritional factors on production of the \*polyketide\* phytotoxin coronatine by *Pseudomonas syringae* pv. *glycinea*.  
AUTHOR: Palmer David A; Bender Carol L(a)  
AUTHOR ADDRESS: (a)Dep. Plant Pathol., Okla. State Univ., Stillwater, OK 74078-9974\*\*USA  
JOURNAL: Applied and Environmental Microbiology 59 (5):p1619-1626 1993  
ISSN: 0099-2240  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

18/3/25 (Item 9 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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07927550 BIOSIS NO.: 000093015948  
PLASMID EFFECTS ON SECONDARY METABOLITE PRODUCTION BY A STREPTOMYCETE SYNTHESIZING AN ANTHELMINTIC MACROLIDE  
AUTHOR: THOMAS D I; COVE J H; BAUMBERG S; JONES C A; RUDD B A M  
AUTHOR ADDRESS: DEP. MICROBIOL., UNIV. LEEDS, LEEDS LS2 9JT.

JOURNAL: J GEN MICROBIOL 137 (10). 1991. 2331-2338. 1991  
FULL JOURNAL NAME: Journal of General Microbiology  
CODEN: JGMIA  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

18/3/26 (Item 10 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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07639294 BIOSIS NO.: 000092009238  
BIOSYNTHESIS OF PIGMENTS VIA THE \*POLYKETIDE\* PATHWAY AS A WAY TO REGULATE  
THE OXIDATIVE METABOLISM OF STREPTOMYCES CULTURES PRODUCING THESE  
PIGMENTS  
AUTHOR: TRUTKO S M; AKIMENKO V K  
AUTHOR ADDRESS: INST. BIOCHEM. PHYSIOL. MICROORG., ACAD. SCI. USSR,  
PUSHCHINO, USSR.  
JOURNAL: MIKROBIOLOGIYA 59 (6). 1990. 942-947. 1990  
FULL JOURNAL NAME: Mikrobiologiya  
CODEN: MIKBA  
RECORD TYPE: Abstract  
LANGUAGE: RUSSIAN

18/3/27 (Item 11 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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07497971 BIOSIS NO.: 000091071840  
AMBRUTICIN S PRODUCTION IN AIR-LIFT AND STIRRED-TANK BIOREACTORS  
AUTHOR: HOPF N W; YONSEL S; DECKWER W-D  
AUTHOR ADDRESS: BIOCHEM. ENG. DIV., GBF-NATL. RES. INST. BIOTECHNOL.,  
MASCHERODER WEG 1, 3300 BRAUNSCHWEIG, WEST GERMANY.  
JOURNAL: APPL MICROBIOL BIOTECHNOL 34 (3). 1990. 350-353. 1990  
FULL JOURNAL NAME: Applied Microbiology and Biotechnology  
CODEN: AMBID  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

18/3/28 (Item 12 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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07011629 BIOSIS NO.: 000089103512  
EFFECTS OF METALS ON STREPTOMYCES-COELICOLOR GROWTH AND ACTINORHODIN  
PRODUCTION  
AUTHOR: ABBAS A S; EDWARDS C  
AUTHOR ADDRESS: DEP. GENET. MICROBIOL., LIFE SCI. BUILD., UNIV. LIVERPOOL,  
CROWN ST., LIVERPOOL L69 3BX, UK.  
JOURNAL: APPL ENVIRON MICROBIOL 56 (3). 1990. 675-680. 1990  
FULL JOURNAL NAME: Applied and Environmental Microbiology  
CODEN: AEMID  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

18/3/29 (Item 13 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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06774597 BIOSIS NO.: 000088084031  
THE EFFECTS OF TEMPERATURE ON GROWTH AND PRODUCTION OF THE ANTIBIOTIC  
GRANATICIN BY A THERMOTOLERANT STREPTOMYCETE  
AUTHOR: JAMES P D A; EDWARDS C  
AUTHOR ADDRESS: DEP. GENETICS AND MICROBIOL., LIFE SCI. BUILDING, UNIV.,  
LIVERPOOL L69 3BX, UK.  
JOURNAL: J GEN MICROBIOL 135 (7). 1989. 1997-2004. 1989  
FULL JOURNAL NAME: Journal of General Microbiology  
CODEN: JGMIA

RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

18/3/30 (Item 14 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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06277011 BIOSIS NO.: 000086111194  
BIOMIMETIC SYNTHESES OF PRETETRAMIDES 1. SYNTHESIS OF PRETETRAMIDE BY  
TANDEM EXTENSION OF A \*POLYKETIDE\* CHAIN  
AUTHOR: GILBREATH S G; HARRIS C M; HARRIS T M  
AUTHOR ADDRESS: DEP. CHEM., VANDERBILT UNIV., NASHVILLE, TENN. 37235.  
JOURNAL: J AM CHEM SOC 110 (18). 1988. 6172-6179. 1988  
FULL JOURNAL NAME: Journal of the American Chemical Society  
CODEN: JACSA  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

18/3/31 (Item 15 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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04599285 BIOSIS NO.: 000079012322  
THE REGULATORY EFFECT OF NITRATE ON THE RELATIONSHIP BETWEEN THE PRODUCTION  
OF RIFAMYCIN SV AND THE BIOSYNTHESIS OF CELLULAR LIPID COMPONENTS  
AUTHOR: GU W; LU X; GENG Y; LIU C; JIN Z; JIAO R  
AUTHOR ADDRESS: SHANGHAI INSTITUTE PLANT PHYSIOL., ACADEMIA SINICA,  
SHANGHAI.  
JOURNAL: ACTA MICROBIOL SIN 23 (4). 1983 (RECD. 1984). 313-318. 1983  
FULL JOURNAL NAME: Acta Microbiologica Sinica  
CODEN: WSHPA  
RECORD TYPE: Abstract  
LANGUAGE: CHINESE

18/3/32 (Item 16 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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02404056 BIOSIS NO.: 000065061099  
NEW METABOLITES FROM THE BROWN ALGA CYSTOPHORA-TORULOSA  
AUTHOR: GREGSON R P; KAZLAUSKAS R; MURPHY P T; WELLS R J  
AUTHOR ADDRESS: ROCHE RES. INST. MAR. PHARMACOL., P.O. BOX 255, DEE WHY,  
N.S.W. 2099, AUST.  
JOURNAL: AUST J CHEM 30 (11). 1977 2527-2532. 1977  
FULL JOURNAL NAME: Australian Journal of Chemistry  
CODEN: AJCHA  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

18/3/33 (Item 1 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)  
(c) format only 2000 Dialog Corporation. All rts. reserv.

09872415 99185232  
The role of metabolic engineering in the production of secondary  
metabolites.  
Nielsen J  
Center for Process, Biotechnology Department of Biotechnology, Technical  
University of Denmark, DK-2800 Lyngby, Denmark. jn@ibt.dtu.dk  
Current opinion in microbiology (ENGLAND) Jun 1998, 1 (3) p330-6,  
ISSN 1369-5274 Journal Code: DAY  
Languages: ENGLISH  
Document type: JOURNAL ARTICLE; REVIEW; REVIEW, TUTORIAL

18/3/34 (Item 2 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)

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08965029 97143501

Engineering antibiotic producers to overcome the limitations of classical strain improvement programs.

Lal R; Khanna R; Kaur H; Khanna M; Dhingra N; Lal S; Gartemann KH; Eichenlaub R; Ghosh PK

Department of Zoology, University of Delhi, India.

Critical reviews in microbiology (UNITED STATES) 1996, 22 (4) p201-55, ISSN 1040-841X Journal Code: AFN

Languages: ENGLISH

Document type: JOURNAL ARTICLE; REVIEW; REVIEW, TUTORIAL

18/3/35 (Item 3 from file: 155)

DIALOG(R)File 155: MEDLINE(R)

(c) format only 2000 Dialog Corporation. All rts. reserv.

08597989 98044640

Engineered biosynthesis of novel \*polyketides\*: evidence for temporal, but not regiospecific, control of cyclization of an aromatic \*polyketide\* precursor.

Fu H; Hopwood DA; Khosla C

Department of Chemical Engineering, Stanford University, CA 94305-5025, USA.

Chemistry & biology (ENGLAND) Dec 1994, 1 (4) p205-10, ISSN 1074-5521 Journal Code: CNA

Languages: ENGLISH

Document type: JOURNAL ARTICLE

18/3/36 (Item 4 from file: 155)

DIALOG(R)File 155: MEDLINE(R)

(c) format only 2000 Dialog Corporation. All rts. reserv.

08548222 96016078

Analysis of a mycotoxin gene cluster in *Aspergillus nidulans*.

Keller NP; Adams TH

Department of Plant Pathology and Microbiology, Texas A&M University, College Station 77843, USA.

SAAS bulletin, biochemistry and biotechnology (UNITED STATES) 1995, 8 p14-21, ISSN 1052-6781 Journal Code: ALK

Languages: ENGLISH

Document type: JOURNAL ARTICLE; REVIEW; REVIEW, TUTORIAL

18/3/37 (Item 5 from file: 155)

DIALOG(R)File 155: MEDLINE(R)

(c) format only 2000 Dialog Corporation. All rts. reserv.

06281979 90047071

Antibiotics: opportunities for genetic manipulation.

Hopwood DA

John Innes Institute, Norwich, U.K.

Philosophical transactions of the Royal Society of London. Series B: Biological sciences (ENGLAND) Aug 31 1989, 324 (1224) p549-62, ISSN 0962-8436 Journal Code: P5Z

Languages: ENGLISH

Document type: JOURNAL ARTICLE; REVIEW; REVIEW LITERATURE

18/3/38 (Item 6 from file: 155)

DIALOG(R)File 155: MEDLINE(R)

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06050536 87144590

Homology between *Streptomyces* genes coding for synthesis of different \*polyketides\* used to clone antibiotic biosynthetic genes.

Malpartida F; Hallam SE; Kieser HM; Motamedi H; Hutchinson CR; Butler MJ; Sugden DA; Warren M; McKillop C; Bailey CR; et al

Nature (ENGLAND) Feb 26-Mar 4 1987, 325 (6107) p818-21, ISSN

0028-0836 Journal Code: NSC  
Contract/Grant No.: CA35381, CA, NCI  
Languages: ENGLISH  
Document type: JOURNAL ARTICLE

18/3/39 (Item 1 from file: 434)  
DIALOG(R)File 434:SciSearch(R) Cited Ref Sci  
(c) 1998 Inst for Sci Info. All rts. reserv.

09364477 Genuine Article#: T6744 No. References: 78  
Title: SYNTHESIS OF PHEROMONES, .4. CHEMISTRY OF THE WITTIG REACTION, .1.  
EFFECTS OF REACTION CONDITIONS ON THE STEREOSELECTIVITY AND \*YIELD\* OF  
THE WITTIG REACTION  
Author(s): VINCZER P; JUVANCS Z; NOVAK L; SZANTAY C  
Corporate Source: HUNGARIAN ACAD SCI,CENT RES INST CHEM,POB 17/H-1521  
BUDAPEST//HUNGARY// TECH UNIV BUDAPEST,INST ORGAN CHEM/H-1521  
BUDAPEST//HUNGARY/  
Journal: ACTA CHIMICA HUNGARICA, 1988, V125, N6, P797-820  
Language: ENGLISH Document Type: ARTICLE

18/3/40 (Item 2 from file: 434)  
DIALOG(R)File 434:SciSearch(R) Cited Ref Sci  
(c) 1998 Inst for Sci Info. All rts. reserv.

08606089 Genuine Article#: M0613 No. References: 43  
Title: HIGH-\*YIELD\* SYNTHESIS OF 20-MEMBERED, 24-MEMBERED, AND 28-MEMBERED  
MACROPENTOLIDE, MACROHEXOLIDE, AND MACROHEPTOLIDE, RESPECTIVELY, FROM  
(R)-3-HYDROXYBUTANOIC OR (S)-3-HYDROXYBUTANOIC ACID UNDER YAMAGUCHI  
MACROLACTONIZATION CONDITIONS  
Author(s): SEEBACH D; BRANDLI U; SCHNURRENBERGER P; PRZYBYLSKI M  
Corporate Source: SWISS FED INST TECHNOL,ORGAN CHEM LAB,UNIV STR 16/CH-8092  
ZURICH//SWITZERLAND//; UNIV MAINZ,INST ORGAN CHEM/D-6500 MAINZ//FED REP  
GER/  
Journal: HELVETICA CHIMICA ACTA, 1988, V71, N1, P155-167  
Language: ENGLISH Document Type: ARTICLE  
?ds

Set	Items	Description
S1	312143	IMPROVE(W) PRODUCTION OR YIELD
S2	23	S1 AND POLYKETIDES
S3	12	RD (unique items)
S4	66	S1 AND POLYKETIDE
S5	38	RD (unique items)
S6	23	S1 AND LOVASTATIN
S7	17	RD (unique items)
S8	22	S1 AND STERIGMATOCYSTIN
S9	19	RD (unique items)
S10	1	S1 AND AFLATOXIN?
S11	235	S1 AND AFLATOXIN?
S12	182	RD (unique items)
S13	3	S12 AND VECTOR
S14	546	S1 AND PENICILLIN
S15	16	S14 AND VECTOR
S16	10	RD (unique items)
S17	70	S1 AND POLYKETIDE?
S18	40	RD (unique items)

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\$56.05 59 Type(s) in Format 3  
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\$57.55 60 Types  
\$64.10 Estimated cost File71  
\$10.45 1.866 DialUnits File5  
\$161.70 98 Type(s) in Format 3  
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\$3.22 1.006 DialUnits File155  
\$5.60 28 Type(s) in Format 3

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\$1.00 TYMNET  
\$266.82 Estimated cost this search  
\$267.24 Estimated total session cost 4.176 DialUnits

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